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Office of Environmental Management – Grand Junction

UMTRA Project

September 2006 Water Sampling

Validation Data Package for Performance Assessment of the Monthly Sampling for the Ground Water Interim Action Moab, Utah

December 2006

U.S. Department of Energy

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Data Package Contents

This data package includes the following information:

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Attachment 1—Data Presentation

Minimums and Maximums Report
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Water Level Data
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End of current text

Sampling Event Summary

Site: Moab, Utah

Sampling Period: September 5–29, 2006

The purpose of this sampling was to collect data that can be used to evaluate the performance of all configurations of the Interim Action well field, including the biogeochemical sampling effort.

Executive Summary

During the month of September, the average Configuration 1 ground water extraction rate was 25.3 gallons per minute (gpm), the average rate for well PW-02 was 20 gpm, the average combined total extraction rate for Configurations 2 and 3 was 29.9 gpm, and the average for Configuration 4 was 11.6 gpm. As a result, the Interim Action well field total ground water extraction average pumping rate was 86.8 gpm during this time period.

A summary of the September monthly operational data for the Interim Action ground water remediation system and cumulative to date is presented below.

Interim Action Well Field	
Total feed volume to sprinklers this month*:	5,228,912 gallons (gal)
Total feed volume to sprinklers cumulative to date*:	52,226,607 gal
Total feed volume to pond this month:	3,711,540 gal
Total feed volume to pond cumulative to date:	61,549,983 gal
Ammonia removed this month:	8,256 kilograms (kg)
Ammonia removed cumulative to date:	140,103 kg
Uranium removed this month:	37.4 kg
Uranium removed cumulative to date:	589 kg

*Revised values as of 10/26/06

Time versus concentration graphs for selected key performance indicator wells and major contaminants of concern are included. Data presented in these graphs indicate that contaminant concentrations generally remain at expected levels. Ammonia and uranium concentrations have generally stabilized, but a few wells show increased concentrations from earlier 2006 sampling events.

Overall, data for the Baseline Area wells indicate lower concentrations for the shallow zone ground water than the intermediate or deeper zones. This observation is most obvious on the ammonia, sulfate, and total dissolved solids (TDS) graphs when comparing well 0405 (18 feet [ft] below ground surface [bgs]) versus well 0493 (54 ft bgs). The graph for uranium shows fluctuating concentrations during the past year for these wells.

Observation well 0688, located on the downgradient side of Configuration 3, has shown increasing ammonia concentrations (from approximately 400 milligrams per liter [mg/L] to now nearly 900 mg/L) since March 2006. However, this well is screened in the intermediate (31 ft)

and deeper (39 ft) ground water zones, which are not typically affected by the Interim Action well field. A review of the ammonia graph shows the concentration for wells 0682 (28 ft bgs) and 0683 (27 ft bgs) located on the upgradient side of Configuration 3 to be approximately 400 mg/L. Well 0404, which was sampled from approximately 18 ft, has an ammonia concentration of 360 mg/L. This is in the range of other shallow wells in this area.

Observation well 0408, upgradient to Configuration 2, showed a marked increase in uranium concentration (4 mg/L) in May from previous months. This well showed a slight decrease to approximately 3.5 mg/L this month. It will continue to be monitored in future monthly sampling events. Well 0408 is approximately 30 ft deep and is representative of the intermediate ground water zone. In contrast, near-shore river piezometers 0591 (0.94 mg/L) and 0603 (1.2 mg/L), downgradient to Configuration 2, exhibit lower uranium concentrations.

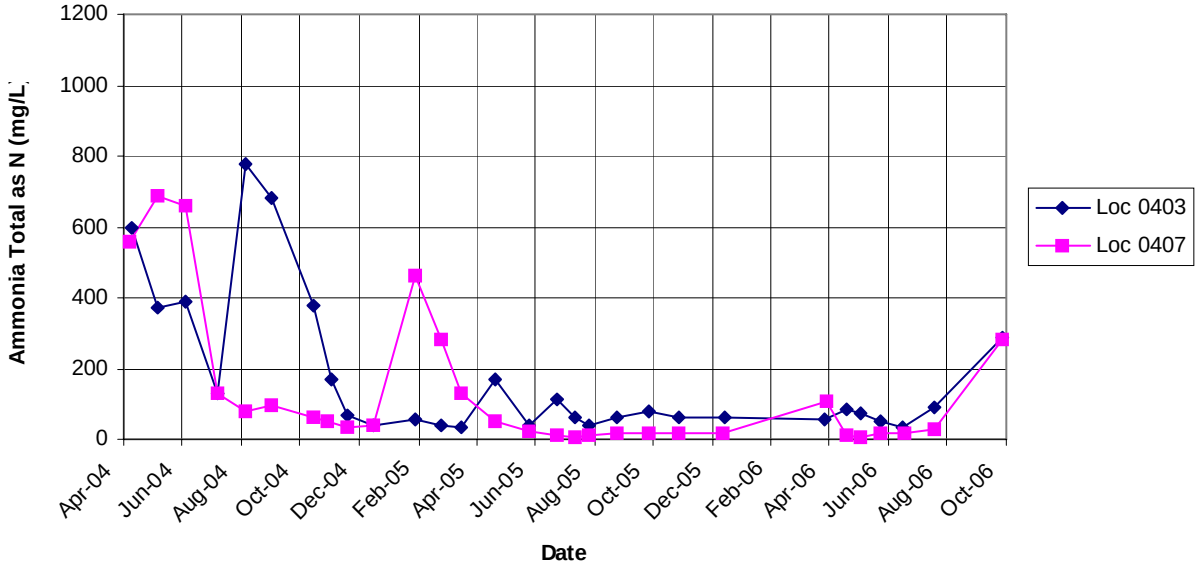
As with the Baseline Area, wells associated with Configuration 1 are observed to exhibit stratification. Ammonia and uranium concentrations for well 0483 (18 ft bgs) are much lower than the intermediate (well 0484 [28 ft bgs]) and deeper (well 0558 [36 ft bgs]) ground water zones. Typically, these deeper zones are not affected by the Interim Action well field.

Wells 0403 and 0407, which are 18 and 17 ft deep (shallow ground water zone), respectively, have been affected by the remedial actions of the Configuration 1 well field. Time versus concentration graphs for these two downgradient wells are provided below for illustration. Both of these wells show a decrease in ammonia and uranium since the Interim Action well field was started in 2004. There is an increase in ammonia for these wells this month, and they will continue to be sampled during future monthly events to determine if this is a trend or just a periodic anomaly.

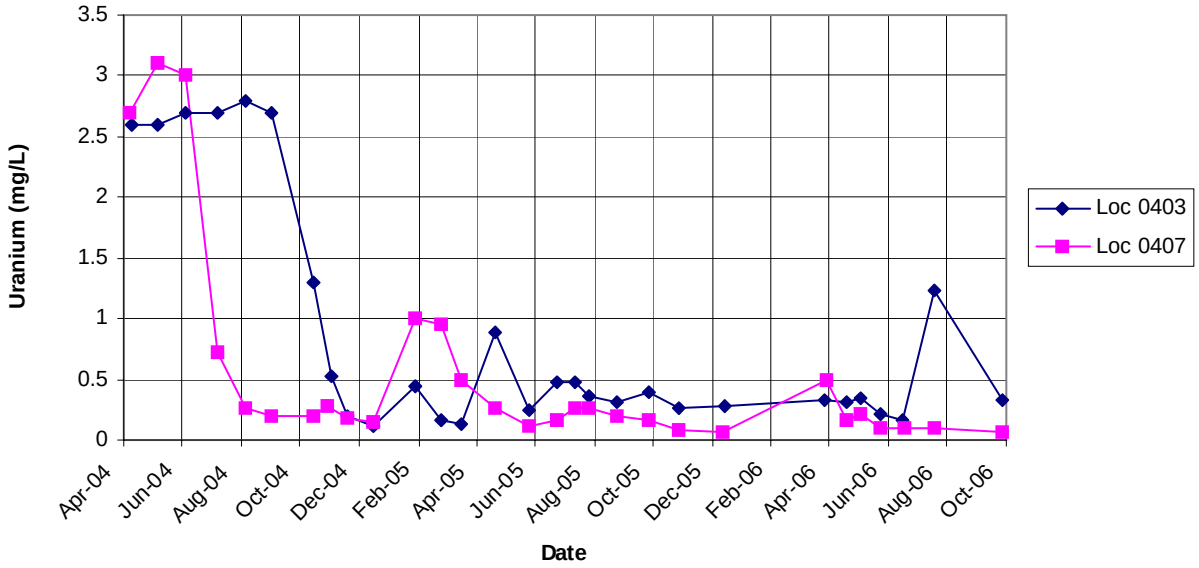
Some riverbed piezometers were sampled this month including those downgradient of Configuration 1. Time versus concentration graphs for selected piezometers downgradient to the Interim Action well field illustrate the contaminant reductions for major contaminants of concern, such as ammonia and uranium. Graphs for piezometers 0562 and 0563 are provided below for illustration. While wells 0403 and 0407, downgradient of Configuration 1, had shown a slight increase in ammonia concentrations, this increase was not observed in the nearest riverbed piezometers. There was a slight increase in uranium in piezometer 0563, and this will continue to be monitored during future sampling events. 0563 is sampled from a depth of approximately 5 ft, compared to 2 ft for 0562. Also, surface water location 0216, which is adjacent to these piezometer locations, had uranium concentrations that were an order of magnitude lower (0.006 mg/L) than from piezometer 0563 (0.06 mg/L).

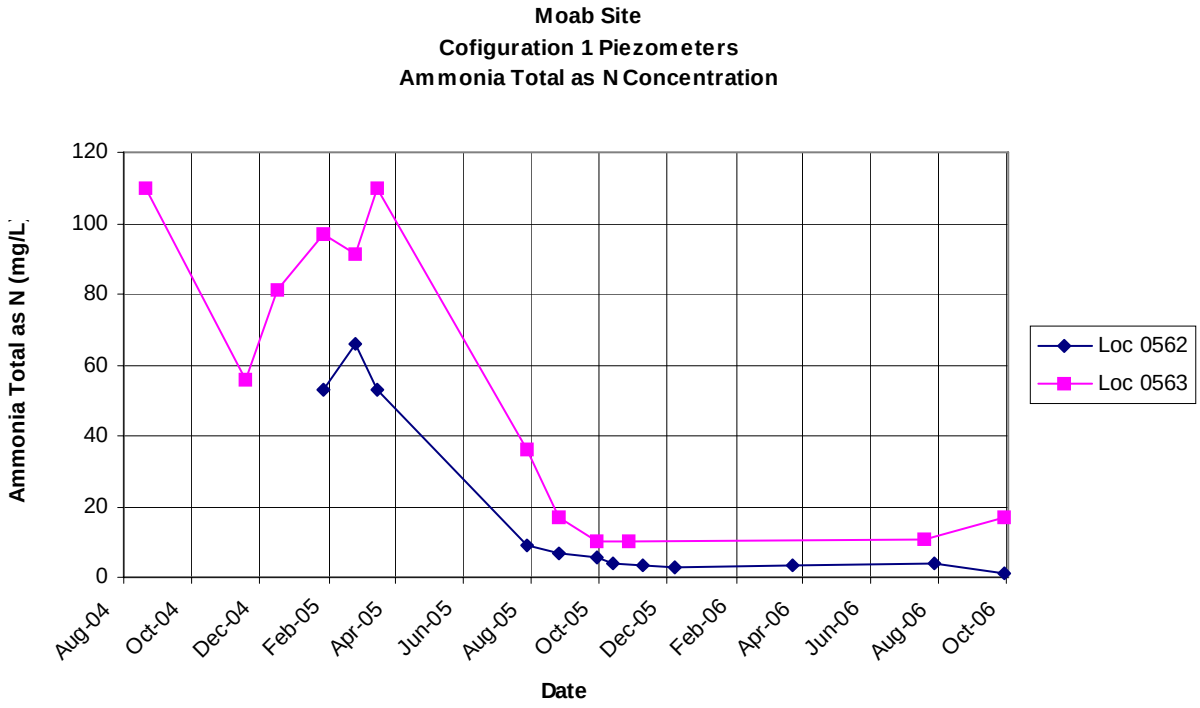
The time versus concentration graph for Configuration 3 piezometers 0691 and 0692 shows a continued increase in uranium concentration at 0692 (2.03 mg/L). This piezometer is sampled from a depth of approximately 9.6 ft bgs. However, the nearest surface water sample (0259) has a uranium value of 0.006 mg/L.

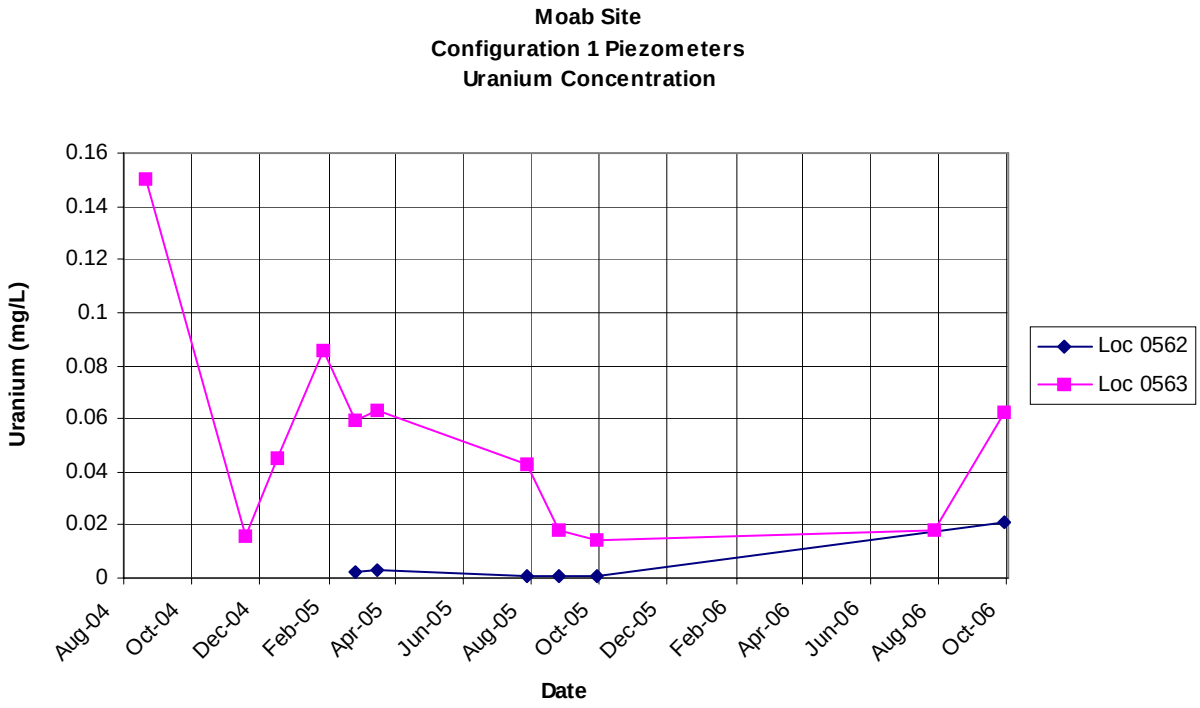
Moab Site
Configuration 1 Observation Wells
Ammonia Total as N Concentration



Moab Site
Configuration 1 Observation Wells
Uranium Concentration




Moab Site
Cofiguration 1 Piezometers
Ammonia Total as N Concentration
Ammonia Total as N (mg/L)
120
100
80
60
40
20
0
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Date
Loc 0562
Loc 0563


Moab Site
Configuration 1 Piezometers
Uranium Concentration
Uranium (mg/L)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Date
Loc 0562
Loc 0563

Data are also included for analytical results of ground water sampling of the Configuration 4 wells. Configuration 4 is an expansion of the Interim Action well field and was completed in August 2006. This Validation Data Package represents the second sampling event for Configuration 4 wells. Because of the limited data, no minimums/maximums or anomalous data tables are provided. These tables along with time versus concentration graphs will be included in the November sampling report.

The data validations indicate that the data meet the quality control criteria specified for this project. No significant discrepancies were noted regarding sample shipping and receiving, preservation and holding times, instrument calibration, method blanks, or matrix spikes, etc., except as qualified.

Sampling and Analysis

Sampling and analysis were conducted in accordance with the *Operations, Maintenance, and Performance Monitoring Plan for the Interim Action Ground Water Treatment System, June 2006*. Although not listed here, the normal set of locations were sampled. Please refer to the attached trip reports for specific sampled locations and an explanation of why some locations were not sampled, such as lack of recharge for some piezometers.

There were 22 locations with anomalous data points. Several of the anomalous high values were for dissolved gases, total Kjeldahl nitrogen, chemical oxygen demand, or manganese (II), which are analyzed as part of the biogeochemical evaluation. The only anomalously high ammonia data was for piezometer 0617 (280 mg/L). This is located adjacent to the main river channel off of the Baseline Area. The previous maximum concentration for this location was 180 mg/L, and the surface water sample (0243) had a reported non-detect for ammonia. Piezometers 0562, 0565, 0597, and 0618 were anomalously high for uranium. Detected uranium concentrations were 0.02, 0.018, 3.6, and 3.5 mg/L, respectively, for these piezometers. Piezometers 0562 and 0565 are downgradient to Configuration 1, and 0562 was anomalously low for ammonia this month. Surface water locations adjacent to these piezometers had uranium concentrations of only 0.006 mg/L. Piezometers 0597 and 0618 are associated with the Baseline Area. A surface water sample (0243) adjacent to piezometer 0618 had a reported uranium concentration of 0.007 mg/L. The piezometers with anomalous high values will continue to be monitored in future sampling events, and a determination can then be made whether these values represent a trend or are just sporadic.

According to the United States Geological Survey (USGS) Cisco Gaging Station, the mean daily Colorado River flow rates varied between 3,740 and 5,590 cubic ft per second during this sampling period.

John R Ford — 12-12-06

John R. Ford
Ground Water Lead

Date

End of current text

Sample Location Maps

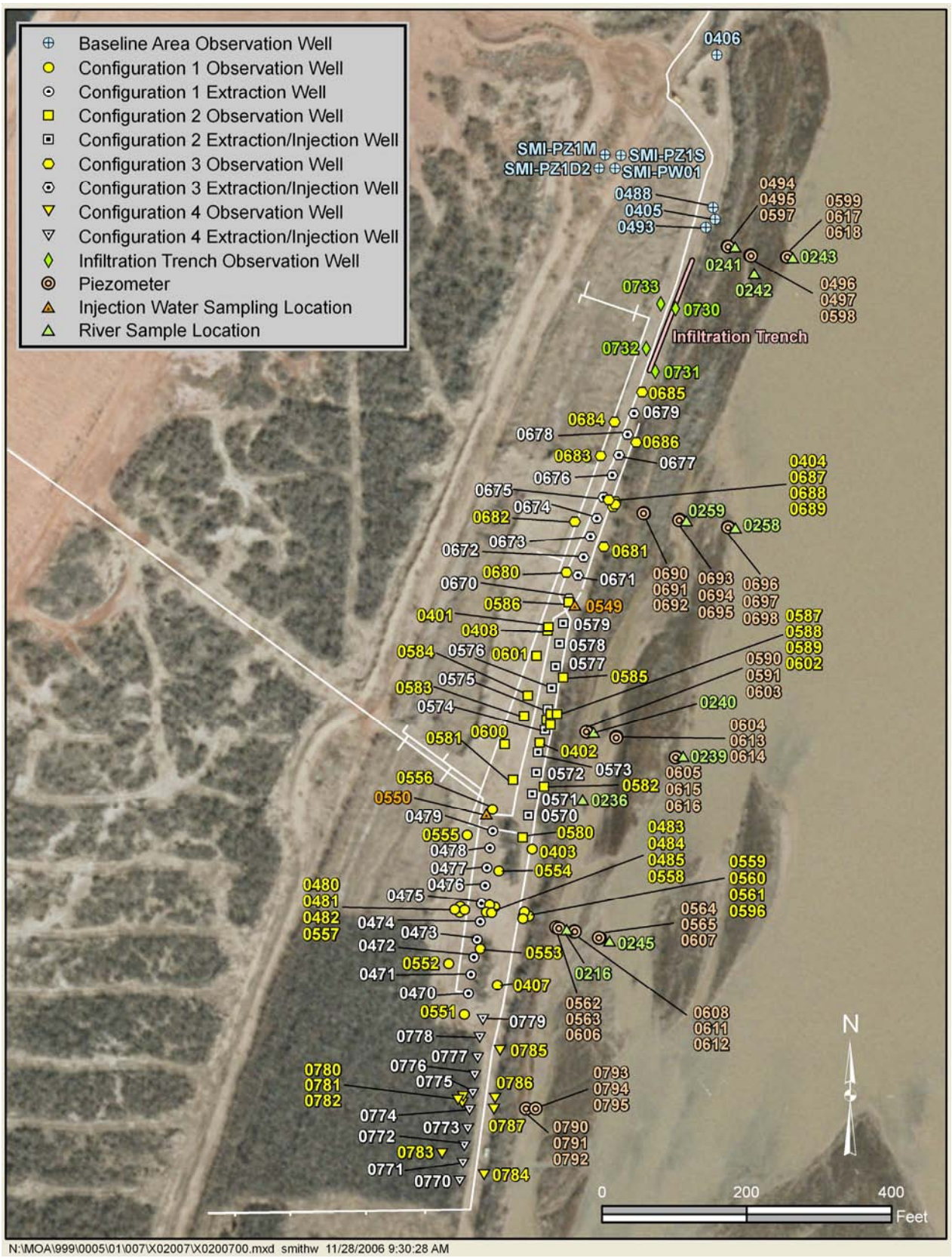


Figure 1. Sample Locations at the Interim Action Well Field and Baseline Area (may include locations not sampled)

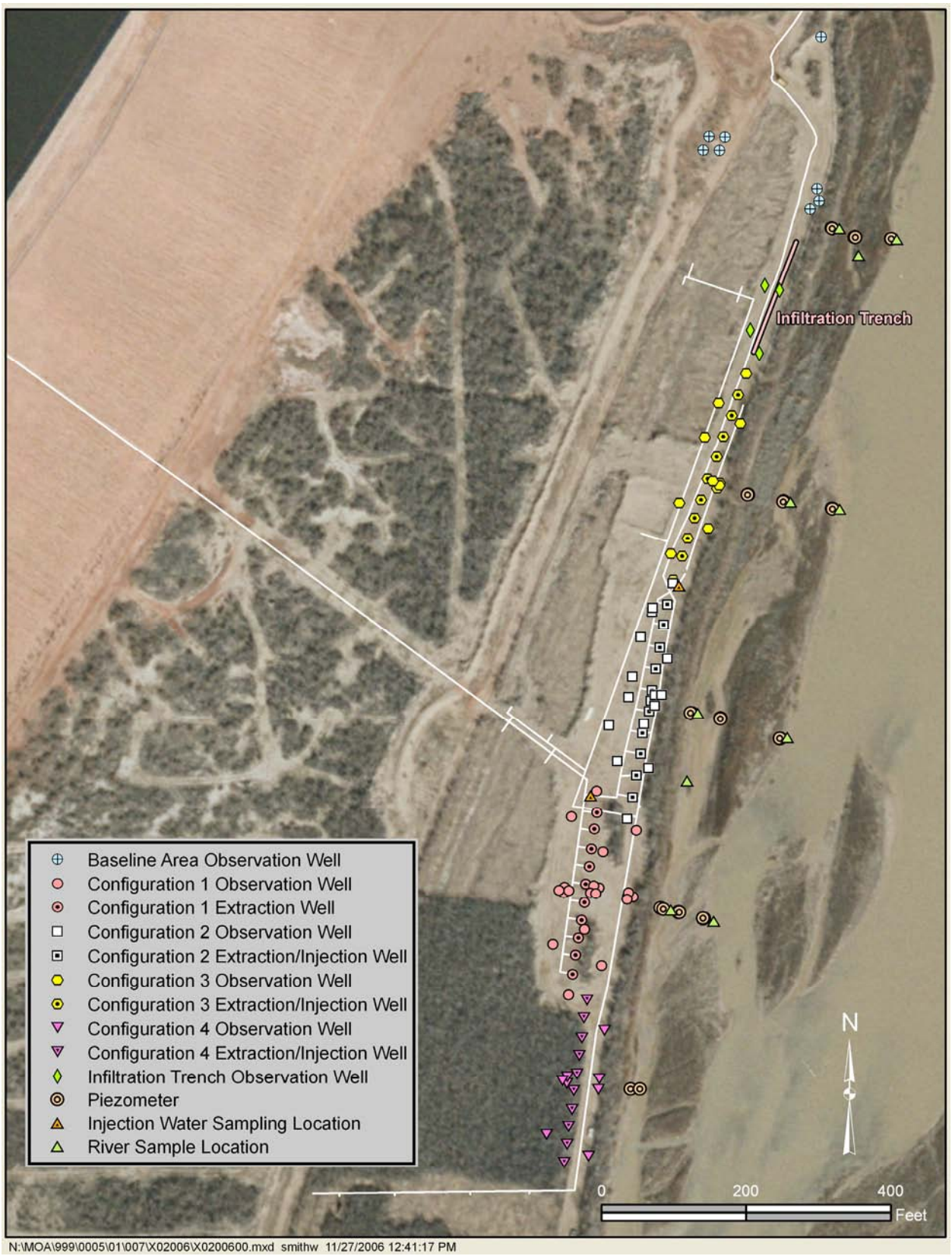


Figure 2. Existing Well Locations

Data Assessment Summary

Water Sampling Field Activities Verification Checklist

Project	Moab, Utah	**Date(s) of Water Sampling**	September 5–29, 2006
Date(s) of Verification	November 20, 2006	**Name of Verifier**	Jeff Price

		Response (Yes, No, NA)	Comments
1.	Is the SAP the primary document directing field procedures?	Yes	
	List other documents, standard operating procedures, instructions.	NA	
2.	Were the sampling locations specified in the planning documents sampled?	No	See trip reports for explanation.
3.	Was a pre-trip calibration conducted as specified in the aforementioned documents?	Yes	
4.	Was an operational check of the field equipment conducted twice daily?	Yes	
	Did the operational checks meet criteria?	Yes	
5.	Were the number and types (alkalinity, temperature, electrical conductivity, pH, turbidity, dissolved oxygen, oxidation reduction potential) of field measurements taken as specified?	Yes	
6.	Was the category of the well documented?	Yes	
7.	Were the following conditions met when purging a Category I well:		
	Was one pump/tubing volume purged prior to sampling?	Yes	
	Did the water level stabilize prior to sampling?	Yes	
	Did pH, specific conductance, and turbidity measurements stabilize prior to sampling?	Yes	
	Was the flow rate less than 500 milliliters per minute (mL/min)?	Yes	
	If a portable pump was used, was there a 4-hour delay between pump installation and sampling?	NA	

Water Sampling Field Activities Verification Checklist (continued)

8. Were the following conditions met when purging a Category II well:	
Was the flow rate less than 500 mL/min?	Yes
Was one pump/tubing volume removed prior to sampling?	Yes
9. Were duplicates taken at a frequency of one per 20 samples?	Yes
10. Were equipment blanks taken at a frequency of one per 20 samples that were collected with nondedicated equipment?	Yes
11. Were trip blanks prepared and included with each shipment of volatile organic compound samples?	NA
12. Were Quality Control samples assigned a fictitious site identification number?	Yes
Was the true identity of the samples recorded on the Quality Assurance Sample Log?	Yes
13. Were samples collected in the containers specified?	Yes
14. Were samples filtered and preserved as specified?	Yes
15. Were the number and types of samples collected as specified?	Yes
16. Were chain-of-custody (COC) records completed, and was sample custody maintained?	Yes
17. Are field data sheets signed and dated by both team members?	Yes
18. Was all other pertinent information documented on the field data sheets?	Yes
19. Was the presence or absence of ice in the cooler documented at every sample location?	Yes
20. Were water levels measured at the locations specified in the planning documents?	Yes

Laboratory Performance Assessment

General Information

Requisition No. (RIN):	06080472
Sample Event:	September 5–20, 2006
Site(s):	Moab, Utah, Interim Action
Laboratory:	Paragon Analytics
Work Order No.:	0609051
Analysis:	Metals and Inorganics
Validator:	Steve Donivan
Review Date:	November 14, 2006

This validation was performed according to the *Environmental Procedures Catalog* (STO 6), "Standard Practice for Validation of Laboratory Data", GT-9(P) rev 1 (2006). All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 1.

Table 1. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Ammonia as N, NH_3-N	WCH-A-005	MCAWW 350.1	MCAWW 350.1
Bromide, Br	MIS-A-038	SW-846 9056	SW-846 9056
Chloride, Cl	MIS-A-039	SW-846 9056	SW-846 9056
Sulfate, SO_4	MIS-A-044	SW-846 9056	SW-846 9056
Total Dissolved Solids, TDS	WCH-A-033	MCAWW 160.1	MCAWW 160.1
Uranium, U	GJO-01	SW-846 3005A	SW-846 6020A

Data Qualifier Summary

Analytical results were qualified as listed in Table 2. Refer to the attached validation worksheets and the sections below for an explanation of the data qualifiers applied.

Table 2. Data Qualifiers

Sample Number	Location	Analyte	Flag	Reason
0609051-62	0678	NH_3-N	J	Matrix spike failure
0609051-66	2238 (Equip Blank)	U	U	Less than 5 times the calibration blank
0609051-85	2227 (Equip Blank)	U	U	Less than 5 times the calibration blank
0609051-106	2229 (Equip Blank)	U	U	Less than 5 times the calibration blank
0609051-108	2230 (Equip Blank)	U	U	Less than 5 times the calibration blank
0609051-110	2240 (Equip Blank)	U	U	Less than 5 times the calibration blank

Sample Shipping/Receiving

Paragon Analytics in Fort Collins, Colorado, received 115 samples on between September 8 and September 21, 2006, accompanied by Chain of Custody (COC) forms. The COC forms were checked to confirm that all of the samples were listed on the forms with sample collection dates and times, and that signatures and dates were present, indicating sample relinquishment and receipt. The sample submittal documents, including the COC forms and the sample tickets, had no errors or omissions.

Preservation and Holding Times

The sample shipment was received cool and intact, with the temperature within the coolers between 1.6 and 5.8 °C, which complies with requirements. All samples were received in the correct container types and had been preserved correctly for the requested analyses. All samples were analyzed within the applicable holding times.

Laboratory Instrument Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for all analytes. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear curve. Compliance requirements for continuing calibration verification (CCV) checks are established to ensure that the instrument continues to be capable of producing acceptable qualitative and quantitative data. All laboratory instrument calibrations were performed correctly in accordance with the cited methods.

Method SW-846 6020A Uranium

Calibrations for uranium were performed on September 26, 2006, and on October 16, 17, 20, and 24, 2006. The initial calibrations were performed using six calibration standards, resulting in calibration curves with correlation coefficient (r^2) values greater than 0.995. The absolute values of the curve intercepts were less than 3 times the Method Detection Limit (MDL). Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration checks were made at the required frequency, resulting in 43 CCVs. All calibration check results met the acceptance criteria. A reporting limit verification check was made at the required frequency to verify the linearity of the calibration curve near the practical quantitation limit. The checks were within the acceptance criteria range. Mass calibration and resolution verifications were performed at the beginning of each analytical run in accordance with the analytical procedure. Internal standard recoveries were stable and within acceptable ranges.

Method SW-846 9056 Anions

The initial calibrations for bromide, chloride, and sulfate were performed using five calibration standards each on August 21, 2006. The calibration curve r^2 values were greater than 0.995, and intercepts were less than 3 times the MDL. Initial calibration and calibration check standards were prepared from independent sources. Initial and continuing calibration checks were made at the required frequency, resulting in 42 CCVs. The calibration checks met the acceptance criteria.

Method MCAWW 160.1 Total Dissolved Solids

There is no initial or continuing calibration requirement associated with the determination of Total Dissolved Solids (TDS).

Method MCAWW 350.1 Ammonia as N

Three initial calibrations for ammonia as N were performed using six calibration standards on September 14, 26, and 27, 2006, and October 17, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency resulting in 29 CCVs. All calibration check results were within the acceptance criteria.

Method and Calibration Blanks

Method blanks are analyzed to assess any contamination that may have occurred during sample preparation. Calibration blanks are analyzed to assess instrument contamination prior to and during sample analysis. All initial and continuing calibration blank (CCB) results were below the practical quantitation limits for all analytes. In cases where blank concentration exceeds the instrument detection limit, the associated sample results are qualified with a "U" flag (not detected) when the sample result is greater than the MDL but less than 5 times the blank concentration.

Inductively Coupled Plasma Interference Check Sample Analysis

Inductively coupled plasma interference check samples were analyzed at the required frequency to verify the instrumental interelement and background correction factors. All check sample results met the acceptance criteria.

Matrix Spike Analysis

Matrix spike and matrix spike duplicate (MS/MSD) pairs were analyzed for uranium, ammonia as N, and bromide as a measure of method performance in the sample matrix. The MS/MSD data are not evaluated when the concentration of the unspiked sample is greater than 4 times the spike concentration. The spike recoveries met the recovery and precision criteria for all analytes evaluated, with the exception of the MSD ammonia result for sample 0678. This ammonia result is qualified with a "J" flag as an estimated value.

Laboratory Replicate Analysis

The relative percent difference (RPD) values for the laboratory replicate sample and MSD sample results for all analytes were less than 20 percent, indicating acceptable laboratory precision.

Laboratory Control Sample

Laboratory control samples were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The results were acceptable for all analytes.

Metals Serial Dilution

Serial dilutions were performed during the uranium analysis to monitor physical or chemical interferences that may exist in the sample matrix. The results were all within the acceptance range.

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The samples were diluted prior to analysis of uranium to reduce interferences. The required detection limits (RDL) were achieved for all analytes.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Chromatography Peak Integration

The integration of analyte peaks was reviewed for all ion chromatography data. There were no manual integrations performed and all peak integrations were satisfactory.

Electronic Data Deliverable File

The electronic data deliverable (EDD) file arrived on November 1, 2006. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Laboratory Performance Assessment

General Information

Requisition No.:	06080473
Sample Event:	September 25–29, 2006
Site(s):	Moab, Utah
Laboratory:	Paragon Analytics
Work Order No.:	F6I280265
Analysis:	Metals and Inorganics
Validator:	Steve Donivan
Review Date:	November 17, 2006

This validation was performed according to the *Environmental Procedures Catalog* (STO 6), "Standard Practice for Validation of Laboratory Data," GT-9(P) rev 1 (2006). The procedure was applied at Level 2, Data Deliverables Verification. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 3.

Table 3. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Ammonia as N, NH_3-N	WCH-A-005	MCAWW 350.1	MCAWW 350.1
Bromide, Br	MIS-A-038	MCAWW 300.0A	MCAWW 300.0A
Chemical Oxygen Demand, COD	WCH-A-010	MCAWW 410.4	MCAWW 410.4
Chloride, Cl	MIS-A-039	MCAWW 300.0A	MCAWW 300.0A
Dissolved Organic Carbon, DOC	WCH-A-024	MCAWW 415.1	MCAWW 415.1
Iron, Fe	GJO-16	SW-846 3005A	SW-846 6010B
Manganese, Mn	GJO-17	SW-846 3005A	SW-846 6020A
Nitrite/Nitrate as N, NO_2/NO_3-N	WCH-A-005	MCAWW 353.2	MCAWW 353.2
Phosphate as P	WCH-A-029	MCAWW 365.2	MCAWW 365.2
Selenium, Se	GJO-14	SW-846 3005A	SW-846 6020A
Sulfate, SO_4	MIS-A-044	MCAWW 300.0A	MCAWW 300.0A
Total Dissolved Solids, TDS	WCH-A-033	MCAWW 160.1	MCAWW 160.1
Total Inorganic Carbon, TIC	GJO-49	MCAWW 415.1	MCAWW 415.1
Total Kjeldahl Nitrogen, TKN	WCH-A-039	MCAWW 351.2	MCAWW 351.2
Total Organic Carbon, TOC	WCH-A-025	MCAWW 415.1	MCAWW 415.1
Uranium, U	GJO-01	SW-846 3005A	SW-846 6020A

Data Qualifier Summary

Analytical results were qualified as listed in Table 4. Refer to the attached validation worksheets and the sections below for an explanation of the data qualifiers applied.

Table 4. Data Qualifiers

Sample Number	Location	Analyte	Flag	Reason
All	All	NO_2/NO_3-N	J	Matrix spike failure
All	All	TIC	J	Matrix spike failure
F6I300121-001	0405	COD	J	Matrix spike failure
F6I300121-001	0405	Se	J	Matrix spike failure
F6I300121-001	0405	U	J	Matrix spike failure
F6I300121-002	0408	COD	J	Matrix spike failure
F6I300121-002	0408	Se	J	Matrix spike failure
F6I300121-002	0408	U	J	Matrix spike failure
F6I300121-003	0495	COD	J	Matrix spike failure
F6I300121-003	0495	Se	J	Matrix spike failure
F6I300121-003	0495	U	J	Matrix spike failure
F6I300121-004	0597	COD	J	Matrix spike failure
F6I300121-004	0597	Se	J	Matrix spike failure
F6I300121-004	0597	U	J	Matrix spike failure
F6I300121-005	0686	COD	J	Matrix spike failure
F6I300121-005	0686	Se	J	Matrix spike failure
F6I300121-005	0686	U	J	Matrix spike failure
F6I300121-006	0687	COD	J	Matrix spike failure
F6I300121-006	0687	Se	J	Matrix spike failure
F6I300121-006	0687	U	J	Matrix spike failure
F6I300121-007	0691	COD	J	Matrix spike failure
F6I300121-007	0691	Se	J	Matrix spike failure
F6I300121-007	0691	U	J	Matrix spike failure
F6I300121-008	0692	COD	J	Matrix spike failure
F6I300121-008	0692	Se	J	Matrix spike failure
F6I300121-008	0692	U	J	Matrix spike failure
F6I300121-009	2322	COD	J	Matrix spike failure
F6I300121-009	2322	Se	J	Matrix spike failure
F6I300121-009	2322	U	J	Matrix spike failure
F6I300121-010	2323 (Equip Blank)	COD	J	Matrix spike failure
F6I300121-010	2323 (Equip Blank)	Cl	U	Less than 5 times the method blank
F6I300121-010	2323 (Equip Blank)	Se	J	Matrix spike failure
F6I300121-010	2323 (Equip Blank)	U	J	Matrix spike failure
F6I280265-017	0407	Cl	J	Matrix spike failure
F6I280265-017	0407	Mn	J	Serial dilution failure
F6I280265-017	0407	Se	J	Matrix spike failure
F6I280265-017	0407	U	J	Matrix spike failure
F6I280265-018	0403	Cl	J	Matrix spike failure
F6I280265-018	0403	Mn	J	Serial dilution failure
F6I280265-018	0403	Se	U	Less than 5 times the method blank
F6I280265-018	0403	U	J	Matrix spike failure
F6I280265-019	0483	Cl	U	Less than 5 times the method blank
F6I280265-019	0483	Mn	J	Serial dilution failure
F6I280265-019	0483	Se	U	Less than 5 times the method blank
F6I280265-019	0483	U	J	Matrix spike failure
F6I280265-020	0559	Cl	U	Less than 5 times the method blank

Table 4. Data Qualifiers (continued)

Sample Number	Location	Analyte	Flag	Reason
F6I280265-020	0559	Mn	J	Serial dilution failure
F6I280265-020	0559	Se	U	Less than 5 times the method blank
F6I280265-020	0559	U	J	Matrix spike failure
F6I280265-021	0563	Cl	J	Matrix spike failure
F6I280265-021	0563	Mn	J	Serial dilution failure
F6I280265-021	0563	Se	U	Less than 5 times the method blank
F6I280265-021	0563	U	J	Matrix spike failure
F6I280265-022	0565	Cl	J	Matrix spike failure
F6I280265-022	0565	Mn	J	Serial dilution failure
F6I280265-022	0565	Se	J	Matrix spike failure
F6I280265-022	0565	U	J	Matrix spike failure
F6I280265-023	0588	Cl	J	Matrix spike failure
F6I280265-023	0588	Mn	J	Serial dilution failure
F6I280265-023	0588	Se	U	Less than 5 times the method blank
F6I280265-023	0588	U	J	Matrix spike failure
F6I280265-024	0589	Mn	J	Serial dilution failure
F6I280265-024	0589	Se	J	Matrix spike failure
F6I280265-024	0589	U	J	Matrix spike failure
F6I280265-025	0591	Cl	J	Matrix spike failure
F6I280265-025	0591	Mn	J	Serial dilution failure
F6I280265-025	0591	U	J	Matrix spike failure
F6I280265-025	0591	Se	J	Matrix spike failure
F6I280265-026	0602	Mn	J	Serial dilution failure
F6I280265-026	0602	Se	U	Less than 5 times the method blank
F6I280265-026	0602	U	J	Matrix spike failure
F6I280265-027	0603	Cl	J	Matrix spike failure
F6I280265-027	0603	Mn	J	Serial dilution failure
F6I280265-027	0603	Se	J	Matrix spike failure
F6I280265-027	0603	U	J	Matrix spike failure
F6I280265-028	0606	Cl	J	Matrix spike failure
F6I280265-028	0606	Mn	J	Serial dilution failure
F6I280265-028	0606	Se	J	Matrix spike failure
F6I280265-028	0606	U	J	Matrix spike failure
F6I280265-029	0607	Cl	J	Matrix spike failure
F6I280265-029	0607	Mn	J	Serial dilution failure
F6I280265-029	0607	Se	U	Less than 5 times the method blank
F6I280265-029	0607	U	J	Matrix spike failure
F6I280265-030	0694	Mn	J	Serial dilution failure
F6I280265-030	0694	Se	J	Matrix spike failure
F6I280265-030	0694	U	J	Matrix spike failure
F6I280265-031	0695	Mn	J	Serial dilution failure
F6I280265-031	0695	Se	J	Matrix spike failure
F6I280265-031	0695	U	J	Matrix spike failure
F6I280265-032	0480	Mn	J	Serial dilution failure
F6I280265-032	0480	Se	J	Matrix spike failure
F6I280265-032	0480	U	J	Matrix spike failure

Sample Shipping/Receiving

Paragon Analytics in Fort Collins, Colorado, received 26 samples between September 28 and September 30, 2006, accompanied by COC forms. The COC forms were checked to confirm that all of the samples were listed on the form with sample collection dates and times, and that signatures and dates were present indicating sample relinquishment and receipt. The sample submittal documents, including the COC forms, the Sample Submittal Forms, and the sample tickets, had no errors or omissions with the following exception: a sample ticket was not received for sample 0607.

Preservation and Holding Times

The sample shipment was received cool and intact, with the temperature within the chilled coolers between 3 and 5 °C, which complies with requirements. All samples were received in the correct container types and had been preserved correctly for the requested analyses. All samples were analyzed within the applicable holding times.

Laboratory Instrument Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for all analytes. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear curve. Compliance requirements for continuing calibration checks are established to ensure that the instrument continues to be capable of producing acceptable qualitative and quantitative data. All laboratory instrument calibrations were performed correctly in accordance with the cited methods.

Method SW-846 6010B Iron

Calibration for iron was performed on October 3, 2006, using one calibration standard. The absolute value of the calibration curve intercept was less than 3 times the MDL. Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration checks were made at the required frequency, resulting in five CCVs. All calibration checks met the acceptance criteria. Reporting limit verification checks were made at the beginning and end of the analytical sequence to verify the linearity of the calibration curve near the practical quantitation limit. All results were within the acceptance range.

Method SW-846 6020A, Manganese, Selenium, Uranium

Calibrations for manganese, selenium, and uranium were performed on October 18, 19, and 20, 2006. The initial calibrations were performed using five calibration standards, resulting in calibration curves with r^2 values greater than 0.995. The absolute values of the curve intercepts were less than 3 times the MDL. Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration checks were made at the required frequency, resulting in 24 CCVs. All calibration check results met the acceptance criteria. A reporting limit verification check was made at the required frequency to verify the linearity of the calibration curve near the practical quantitation limit. The check results for all analytes were

within the acceptance criteria range. Mass calibration and resolution verifications were performed at the beginning of each analytical run in accordance with the analytical procedure. Internal standard recoveries were stable and within acceptable ranges.

Method MCAWW 300.0A Anions

The initial calibrations for bromide, chloride, and sulfate were performed using five calibration standards each on October 4, 2006. The calibration curve r^2 values were greater than 0.995, and intercepts were less than 3 times the MDL. Initial calibration and calibration check standards were prepared from independent sources. Initial and continuing calibration checks were made at the required frequency. All calibration checks met the acceptance criteria.

Method MCAWW 160.1 Total Dissolved Solids

There are no initial or continuing calibration requirements associated with the determination of TDS.

Method MCAWW 350.1 Ammonia as N

The initial calibrations for ammonia as N were performed using six calibration standards on October 12, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in nine CCVs. All calibration check results met the acceptance criteria.

Method MCAWW 351.2 Total Kjeldahl Nitrogen

The initial calibrations for total Kjeldahl nitrogen were performed using five calibration standards on October 19, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in seven CCVs. All calibration check results met the acceptance criteria.

Method MCAWW 353.2 Nitrate as N

The initial calibrations for nitrite/nitrate as N were performed using six calibration standards on October 3, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in five CCVs. All calibration check results met the acceptance criteria.

Method MCAWW 365.2 Phosphate

The initial calibrations for phosphate as P were performed using four calibration standards on September 29, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in six CCVs. All calibration check results met the acceptance criteria.

Method MCAWW 410.4 Chemical Oxygen Demand

There is no initial or continuing calibration requirement associated with the determination of chemical oxygen demand (COD).

Method MCAWW 415.1 Total Organic Carbon

The initial calibrations for organic carbon were performed using three calibration standards on October 18, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in seven CCVs. All calibration check results met the acceptance criteria.

Method MCAWW 415.1 Total Inorganic Carbon

The initial calibrations for total inorganic carbon (TIC) were performed using three calibration standards on October 23, 2006, resulting in calibration curves with r^2 values greater than 0.995 and intercepts less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in four CCVs. All calibration check results met the acceptance criteria.

Method and Calibration Blanks

All initial and CCB results were below the practical quantitation limits for method 6010B and 6020A analytes, with the exception of CCB6 and CCB14 for iron. There were no sample results associated with these CCBs. In cases where blank concentration exceeded the instrument detection limit, the associated sample results are qualified with a "U" flag (not detected) when the sample result is greater than the MDL but less than 5 times the blank concentration.

The ammonia-N, bromide, chloride, Nitrate-N, sulfate, and TDS method blanks and the initial and CCB results were below the MDLs.

Inductively Coupled Plasma Interference Check Sample Analysis

Inductively coupled plasma interference check samples were analyzed at the required frequency to verify the instrumental interelement and background correction factors. All check sample results met the acceptance criteria.

Matrix Spike Analysis

MS and MSD pairs were analyzed for all analytes as required as a measure of method performance in the sample matrix. The spike recoveries did not meet the recovery and precision criteria for COD, chloride, nitrate, TIC, selenium, and uranium. Results associated with these spikes are qualified with a "J" flag as estimated values because of evidence of matrix interference.

Laboratory Replicate Analysis

The RPD values for the laboratory replicate sample and MSD sample results for all analytes were less than 20 percent, indicating acceptable laboratory precision.

Laboratory Control Sample

Laboratory control samples were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The results were acceptable for all analytes.

Metals Serial Dilution

Serial dilutions were performed during the metals analysis to monitor physical or chemical interferences that may exist in the sample matrix. The results for the analytes evaluated met the acceptance criteria with the exception of manganese. Results associated with this serial dilution are qualified with a "J" flag as estimated values because of evidence of matrix interference.

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The samples were diluted prior to analysis of method 6020A analytes to reduce interferences. The RDLs were met for all analytes with the following exceptions: the RDLs were not met for gross alpha and gross beta because of the elevated levels of dissolved solids in the samples.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Chromatography Peak Integration

The integration of analyte peaks was reviewed for all ion chromatography data. There were no manual integrations performed and all peak integrations were satisfactory.

Electronic Data Deliverable File

The EDD file arrived on October 31, 2006. The Sample Management System EDD validation module was used to verify that the EDD files were complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD file was manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

End of current text

Laboratory Performance Assessment

General Information

Requisition No. (RIN):	06080474
Sample Event:	September 25–29, 2006
Site(s):	Moab, Utah
Laboratory:	Microseeps, Pittsburgh, PA
Work Order:	P0609540, P0609552
Analysis:	Dissolved Gasses, Reduced Metals
Validator:	Steve Donivan
Review Date:	November 21, 2006

This validation was performed according to the *Environmental Procedures Catalog* (STO 6), "Standard Practice for Validation of Laboratory Data," GT-9(P) rev 1 (2006). The procedure was applied at Level 2, Data Deliverables Verification. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 5.

Table 5. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Dissolved Gasses	GJO-52	AM20GAX	AM20GAX
Manganese (II)	GJO-53	Mod.7199	Mod.7199
Iron (II)	GJO-54	Mod.7199	Mod.7199

Data Qualifier Summary

None of the results required qualification.

Sample Shipping/Receiving

Microseeps in Pittsburgh, Pennsylvania, received 27 water samples on September 30, 2006 accompanied by a COC form. The COC form was checked to confirm that all of the samples were listed on the form with sample collection dates and times, and that signatures and dates were present indicating sample relinquishment and receipt. The COC form was complete, with no errors or omissions.

Preservation and Holding Times

The sample shipments were received cool and intact. All samples were received in the correct container types and had been preserved correctly for the requested analyses. There are no standard holding times for these analytes and the analyses were completed as quickly as possible.

Laboratory Instrument Calibration

Data for this RIN were reported at analytical service level C (results plus quality control) and do not include calibration data.

Method Blanks

All method blank results were below the practical quantitation limits.

Matrix Spike Analysis

MS and MSD samples were analyzed for iron (II), manganese (II), and methane as a measure of method performance in the sample matrix. The MS and MSD met the acceptance criteria for all spiked samples.

Laboratory Replicate Analysis

The RPD values for the laboratory control sample duplicate samples and MSD sample results for all analytes were less than 20 percent, indicating acceptable precision.

Laboratory Control Sample

Laboratory control samples were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The laboratory control sample results were acceptable for all analysis categories.

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The RDLs were met for all analytes.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Electronic Data Deliverable File

The EDD file arrived on October 16, 2006. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Field Analyses/Activities

The following information summarizes the field analyses and activities for this sampling event period.

Field Activities

All monitor well results were purged and sampled using the low-flow sampling method; extraction wells are not sampled using the low-flow sampling method. Six equipment blanks were collected and analyzed for the same constituents as the Moab environmental samples. Several analyte concentrations measured in the equipment blanks were above their respective RDLs, but are still considered acceptable. Ten duplicate samples were collected. There are no established regulatory criteria for the evaluation of field duplicate samples; therefore, U.S. Environmental Protection Agency (EPA) guidance for laboratory duplicates (which is conservative for field duplicates) was used to assess the precision of the field duplicates. With the exception of four individual results, all other results met the criteria of +/–20 RPD and are considered acceptable.

End of current text

Certification

Results were reported in correct units for all analytes requested. Appropriate contract-required laboratory qualifiers and target analyte lists were used. The RDLs were met when possible or an explanation of why they were not met was given in the laboratory case narrative. All analytical quality control criteria were met except as qualified on the Ground Water Quality Data by Parameter, Surface Water Quality by Parameter, or equipment/trip blank database printouts. The meaning of data qualifiers is defined on the database printouts or defined in the EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, Multi-Media Multi-Concentration, Document Number ILMO2.0, 1991. All data in this package are considered validated and may be treated as final results.

Laboratory Validation Lead: _____ 12/7/06
Steve Donivan/Gretchen Baer Date

Field Activities Validation Lead: _____ 12/7/06
Jeff Price Date

End of current text

Attachment 1

Data Presentation

Minimums and Maximums Report

Minimums and Maximums Report

The Minimums and Maximums Report is generated by a data validation application (DataVal) used to query the SEEPro database. The DataVal compares the new data set with historical data and lists all new data that fall outside the historical data range. Values listed in the report are further screened, and the results are not considered anomalous if: (1) identified low concentrations are the result of low detection limits; (2) the concentration detected is within 50 percent of historical minimum or maximum values; or (3) there were fewer than five historical samples for comparison.

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 12/07/06 01:38:43: PM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0239	09/13/2006	Chloride	74			160			85			5	0
MOA01	0239	09/13/2006	Total Dissolved Solids	690			830			750			5	0
MOA01	0239	09/13/2006	Uranium	0.0073			0.016			0.0083			5	0
MOA01	0243	09/13/2006	Chloride	71			150			84			5	0
MOA01	0245	09/14/2006	Chloride	73			170			81			8	0
MOA01	0245	09/14/2006	Chloride	72			170			81			8	0
MOA01	0245	09/14/2006	Uranium	0.0067			0.054			0.0069			8	0
MOA01	0245	09/14/2006	Uranium	0.0066			0.054			0.0069			8	0
MOA01	0259	09/12/2006	Chloride	74			150			84			5	0
MOA01	0259	09/12/2006	Total Dissolved Solids	730			820			760			5	0
MOA01	0259	09/12/2006	Uranium	0.0062			0.014			0.0088			5	0
MOA01	0481	09/05/2006	Chloride	10000		F	9900		F	4700		F	15	0
MOA01	0481	09/05/2006	Total Dissolved Solids	30000		F	27000		F	21000		F	15	0
MOA01	0484	09/05/2006	Sulfate	8700		F	11000		F	9300		F	22	0
MOA01	0562	09/11/2006	Ammonia Total as N	1.2		QF	66		QF	2.6		QF	11	0
MOA01	0562	09/11/2006	Uranium	0.021		QF	0.0027		QF	0.00045		QF	5	0
MOA01	0571	09/12/2006	Uranium	2.8			2.7			0.042			9	0
MOA01	0571	09/12/2006	Uranium	2.9			2.7			0.042			9	0
MOA01	0573	09/12/2006	Ammonia Total as N	510			1200		F	560			11	0
MOA01	0573	09/12/2006	Chloride	6600			27000		F	7400			11	0
MOA01	0573	09/12/2006	Total Dissolved Solids	24000			53000		F	25000		J	11	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 12/07/06 01:38:43: PM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0573	09/12/2006	Uranium	3			2.8			1.8			11	0
MOA01	0575	09/12/2006	Chloride	24000			23000		F	8700			10	0
MOA01	0575	09/12/2006	Total Dissolved Solids	49000			48000		F	22000			10	0
MOA01	0576	09/12/2006	Uranium	3			2.9			1.6		F	11	0
MOA01	0585	09/07/2006	Uranium	3.1		F	2.7			0.083		F	16	0
MOA01	0598	09/13/2006	Sulfate	8200		QF	10000		FQ	8600		QF	6	0
MOA01	0599	09/14/2006	Chloride	1800		QF	2600		QF	1900		QF	6	0
MOA01	0599	09/14/2006	Sulfate	8000		QF	9800		QF	8500		QF	6	0
MOA01	0599	09/14/2006	Total Dissolved Solids	14000		QF	17000		QF	15000		QF	6	0
MOA01	0605	09/11/2006	Ammonia Total as N	77		QF	640		QF	98		QF	6	0
MOA01	0605	09/11/2006	Chloride	130		QF	2700		QF	150		QF	6	0
MOA01	0605	09/11/2006	Sulfate	500		QF	9300		QF	520		QF	6	0
MOA01	0605	09/11/2006	Total Dissolved Solids	1200		QF	17000		QF	1500		QF	6	0
MOA01	0608	09/11/2006	Ammonia Total as N	150		QF	140		QF	4.8		QF	5	0
MOA01	0612	09/11/2006	Ammonia Total as N	0.79		QF	22		F	1.4		QF	5	0
MOA01	0617	09/14/2006	Ammonia Total as N	280		QF	180		QF	60		FQ	6	0
MOA01	0617	09/14/2006	Total Dissolved Solids	11000		QF	29000		QF	19000		QF	6	0
MOA01	0618	09/13/2006	Sulfate	8000		QF	9900		QF	8700		FQ	6	0
MOA01	0618	09/13/2006	Uranium	3.5		QF	1.4		QF	0.19		FQ	6	0
MOA01	0677	09/13/2006	Sulfate	8700			14000			8900		F	12	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 12/07/06 01:38:43: PM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0677	09/13/2006	Total Dissolved Solids	18000			24000		F	20000			12	0
MOA01	0683	09/06/2006	Total Dissolved Solids	16000		F	20000		F	17000		F	9	0
MOA01	0693	09/11/2006	Ammonia Total as N	60		QF	330		QF	63		QF	5	0
MOA01	0697	09/14/2006	Ammonia Total as N	95		QF	400		QF	110		F	6	0
MOA01	0697	09/14/2006	Chloride	120		QF	1600		QF	180		F	6	0
MOA01	0697	09/14/2006	Sulfate	560		QF	6200		QF	860		F	6	0
MOA01	0697	09/14/2006	Total Dissolved Solids	1300		QF	11000		QF	1800		F	6	0
MOA01	0697	09/14/2006	Uranium	0.042		QF	2.4		QF	0.5		F	6	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 12/07/06 01:38:43: PM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
C	Pesticide result confirmed by GC-MS.
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
D	Analyte determined in diluted sample.
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
>	Result above upper detection limit.
J	Estimated

DATA QUALIFIERS:

J	Estimated value.	F	Low flow sampling method used.	G	Possible grout contamination, pH > 9.
L	Less than 3 bore volumes purged prior to sampling.	R	Unusable result.	X	Location is undefined.
U	Parameter analyzed for but was not detected.	Q	Qualitative result due to sampling technique	N	Presumptive evidence that analyte is present. The analyte is "tentatively identified".

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: STS, SEVERN TRENT ST. LOUIS (Earth City, MO)
LAB REQUISITION(S): 06080473
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 11/27/06 10:14:26: AM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0403	09/26/2006	Total Organic Carbon	0.47	U	F	2650	H	JF	3.9		F	5	3
MOA01	0405	09/28/2006	Bromide	50	U	F	25.7	U	F	0.57		F	13	7
MOA01	0405	09/28/2006	Dissolved Organic Carbon	0.47	U	F	2200	H	JF	0.86	B	F	6	0
MOA01	0405	09/28/2006	Total Inorganic Carbon	70.5		FJ	238		JF	84.6		FJ	8	0
MOA01	0405	09/28/2006	Total Kjeldahl Nitrogen	213		F	693		F	293		FJ	8	0
MOA01	0407	09/26/2006	Total Inorganic Carbon	0.22	U	FJ	72.8		F	15.3		F	6	0
MOA01	0407	09/26/2006	Uranium	0.0597		FJ	4.6316			0.0629		F	35	0
MOA01	0480	09/25/2006	Uranium	4.18		FJ	3.7		F	2		F	15	0
MOA01	0483	09/25/2006	Chloride	0.12	B	F	13000		F	230			27	0
MOA01	0483	09/25/2006	Phosphorus	0.0101	U	F	0.226		F	0.0329	B	F	6	0
MOA01	0488	09/28/2006	Bromide	50	U	F	25.7	U	F	0.5		F	23	18
MOA01	0488	09/28/2006	Dissolved Organic Carbon	0.47	U	F	1060	H	JF	0.82	B	F	6	0
MOA01	0488	09/28/2006	Total Organic Carbon	0.47	U	F	1810	H	JF	2.8		F	5	2
MOA01	0495	09/28/2006	Nitrate + Nitrite as Nitrogen	19.5		QFJ	523		QF	97		QFJ	6	0
MOA01	0559	09/25/2006	Chloride	0.033	B	UF	6300		F	45		F	25	0
MOA01	0559	09/25/2006	Manganese	0.219	E	FJ	2.43	N	F	0.324		F	6	0
MOA01	0565	09/26/2006	Ammonia Total as N	8.55		QF	53		F	10.7		QF	9	0
MOA01	0565	09/26/2006	Uranium	0.0189	B	QFJ	0.0025		FQ	0.00021		UFQ	7	1
MOA01	0588	09/27/2006	Bromide	25	U	F	10	U	F	0.14	B	F	17	12
MOA01	0588	09/27/2006	Dissolved Organic Carbon	0.47	U	F	735		JF	1.3		F	5	0
MOA01	0588	09/27/2006	Phosphorus	0.0101	U	F	0.0962		JF	0.0329	B	F	7	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: STS, SEVERN TRENT ST. LOUIS (Earth City, MO)
LAB REQUISITION(S): 06080473
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 11/27/06 10:14:26: AM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0589	09/27/2006	Chemical Oxygen Demand	4400		F	2810		F	14	B	F	11	0
MOA01	0589	09/27/2006	Phosphorus	0.0101	U	F	0.411		F	0.021	B	F	11	0
MOA01	0589	09/27/2006	Total Organic Carbon	0.47	U	F	3020	H	JF	2.5		F	10	4
MOA01	0591	09/26/2006	Bromide	25	U	QF	5.1	U	QF	0.066	B	QF	6	1
MOA01	0591	09/26/2006	Nitrate + Nitrite as Nitrogen	54.3		QFJ	27.8		F	0.374		QF	6	0
MOA01	0597	09/28/2006	Dissolved Organic Carbon	0.47	U	QF	2150	H	JQF	0.87	B	FQ	5	0
MOA01	0597	09/28/2006	Iron	0.025	U	QF	4		F	0.031	B	F	11	0
MOA01	0597	09/28/2006	Total Dissolved Solids	19900		QF	18200	J	FQ	12100		QF	6	0
MOA01	0597	09/28/2006	Uranium	3.67	N	QFJ	2.2		FQ	0.809		QF	6	0
MOA01	0602	09/27/2006	Phosphorus	0.0101	U	F	0.204		F	0.0392	B	F	8	0
MOA01	0603	09/26/2006	Ammonia Total as N	500		QF	404		QF	169		F	6	0
MOA01	0603	09/26/2006	Nitrate + Nitrite as Nitrogen	82.7		QFJ	4.6		QF	0.0027	U	JFQ	6	1
MOA01	0603	09/26/2006	Sulfate	5280		QF	3570		QF	1770		F	6	0
MOA01	0686	09/28/2006	Dissolved Organic Carbon	0.47	U	F	3440	H	JF	24.8		F	6	0
MOA01	0686	09/28/2006	Dissolved Organic Carbon	0.47	U	F	3440	H	JF	24.8		F	6	0
MOA01	0686	09/28/2006	Total Kjeldahl Nitrogen	1.1		F	102		F	1.4		F	8	0
MOA01	0687	09/28/2006	Ammonia Total as N	562		F	470		F	323		F	8	0
MOA01	0687	09/28/2006	Chemical Oxygen Demand	998		FJ	760		F	383		FJ	6	0
MOA01	0687	09/28/2006	Chloride	3630	J	F	3210		FJ	2010	J	F	8	0
MOA01	0687	09/28/2006	Manganese	7.4	N	F	6.29		F	4.37		F	6	0
MOA01	0687	09/28/2006	Nitrate + Nitrite as Nitrogen	115		FJ	341		F	141		F	6	0
MOA01	0687	09/28/2006	Phosphorus	0.308		F	0.255		JF	0.0101	U	F	6	1

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: STS, SEVERN TRENT ST. LOUIS (Earth City, MO)
LAB REQUISITION(S): 06080473
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 11/27/06 10:14:27: AM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0687	09/28/2006	Selenium	0.0087	N	FJ	0.1	U	F	0.01		F	6	1
MOA01	0687	09/28/2006	Total Kjeldahl Nitrogen	4640	U	F	595		F	215		FJ	6	0
MOA01	0691	09/27/2006	Nitrate + Nitrite as Nitrogen	72.7		QFJ	389		QF	96.6		F	5	0
MOA01	0692	09/27/2006	Iron	0.025	U	QF	0.48		QF	0.03			6	1
MOA01	0695	09/27/2006	Iron	0.025	U	QF	0.797		QF	0.32			8	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: MSP, MICROSEEPS LABORATORY (Pittsburgh, PA)
LAB REQUISITION(S): 06080474
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 11/27/06 10:24:16: AM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0403	09/28/2006	Carbon Dioxide	100		F	54		F	13		F	7	0
MOA01	0403	09/28/2006	Manganese (II)	6.8		F	5.7		F	0.4	JM	F	7	0
MOA01	0407	09/26/2006	Nitrogen, Total	16		F	27		F	17		F	6	0
MOA01	0483	09/25/2006	Iron (II)	0.2	J	F	1		F	0.3	JM	JF	6	4
MOA01	0488	09/28/2006	Carbon Dioxide	98		F	140		F	99		F	6	0
MOA01	0488	09/28/2006	Manganese (II)	5.8		F	11		F	7.4		F	6	0
MOA01	0495	09/28/2006	Carbon Dioxide	14		F	170		F	91		QF	6	0
MOA01	0495	09/28/2006	Dissolved Oxygen	7.9		F	7.59		QF	3.6		F	13	0
MOA01	0559	09/25/2006	Carbon Dioxide	8.6		F	26		F	9.6		F	6	0
MOA01	0588	09/27/2006	Iron (II)	0.2	J	F	1		F	1		F	6	5
MOA01	0589	09/27/2006	Manganese (II)	0.4	J	F	14	M	FJ	0.7	J	F	10	0
MOA01	0591	09/26/2006	Carbon Dioxide	12		QF	6.7		F	1.4	J	FQ	6	0
MOA01	0591	09/26/2006	Iron (II)	0.3	J	QF	1	J	F	1	J	F	6	5
MOA01	0602	09/27/2006	Manganese (II)	4.1		F	3.7		F	0.2		F	7	0
MOA01	0602	09/27/2006	Methane	9.4		F	7.8		F	3.8	U	F	7	1
MOA01	0603	09/26/2006	Carbon Dioxide	11		QF	1.3	J		0.78	J	F	6	0
MOA01	0604	09/28/2006	Manganese (II)	3		QF	1	U	F	0.1	J	F	6	2
MOA01	0606	09/25/2006	Dissolved Oxygen	7.9		QF	7.3		FQ	3.2		F	8	0
MOA01	0686	09/28/2006	Manganese (II)	1.2		F	12	M	FJ	1.8		F	8	0
MOA01	0686	09/28/2006	Nitrogen, Total	12		F	28		F	14		F	8	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: MSP, MICROSEEPS LABORATORY (Pittsburgh, PA)
LAB REQUISITION(S): 06080474
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 11/27/06 10:24:16: AM

				CURRENT			HISTORICAL MAXIMUM			HISTORICAL MINIMUM			COUNT	
SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	RESULT	QUALIFIERS LAB	DATA	N	N BELOW DETECT
MOA01	0686	09/28/2006	Nitrogen, Total	12		F	28		F	14		F	8	0
MOA01	0687	09/28/2006	Manganese (II)	8.5		F	5.6		F	0.2	J	F	5	0
MOA01	0687	09/28/2006	Methane	1.8		F	1.5		F	0.59		F	5	1
MOA01	0691	09/27/2006	Dissolved Oxygen	3		QF	7.28		F	3.03		QF	11	0
MOA01	0692	09/27/2006	Nitrogen, Total	9		QF	22		FQ	11		F	5	0
MOA01	0695	09/27/2006	Dissolved Oxygen	2.4		QF	9.1		FQ	2.9		F	8	0

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters
LAB CODE: MSP, MICROSEEPS LABORATORY (Pittsburgh, PA)
LAB REQUISITION(S): 06080474
HISTORY BEGIN DATE: comparing to all historical data
REPORT DATE: 11/27/06 10:24:16: AM

SITE CODE	LOCATION CODE	SAMPLE DATE	ANALYTE	CURRENT RESULT	CURRENT QUALIFIERS LAB	CURRENT QUALIFIERS DATA	HISTORICAL MAXIMUM RESULT	HISTORICAL MAXIMUM QUALIFIERS LAB	HISTORICAL MAXIMUM QUALIFIERS DATA	HISTORICAL MINIMUM RESULT	HISTORICAL MINIMUM QUALIFIERS LAB	HISTORICAL MINIMUM QUALIFIERS DATA	COUNT N	COUNT N BELOW DETECT

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
C	Pesticide result confirmed by GC-MS.
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
D	Analyte determined in diluted sample.
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
>	Result above upper detection limit.
J	Estimated

DATA QUALIFIERS:

J	Estimated value.	F	Low flow sampling method used.	G	Possible grout contamination, pH > 9.
L	Less than 3 bore volumes purged prior to sampling.	R	Unusable result.	X	Location is undefined.
U	Parameter analyzed for but was not detected.	Q	Qualitative result due to sampling technique	N	Presumptive evidence that analyte is present. The analyte is "tentatively identified".

Anomalous Data Review Checksheet

Anomalous Data Review Checksheet

Site: Moab Processing Site **Sampling Date:** September 5–29, 2006

Reviewer: Jeff Price (Name) J.E. Price (Signature) 12/7/06 (Date)

Site Lead: John R. Ford (Name) Ford (Signature) 12/7/06 (Date)

Loc. No.	Analyte	Type of Anomaly	Disposition
0562	Ammonia as N	Low	
0562	Uranium	High	
0617	Ammonia as N	High	
0618	Uranium	High	
0697	Uranium	Low	
0403	Total Organic Carbon	Low	
0405	Bromide	High	
0407	Total Inorganic Carbon	Low	
0483	Chloride	Low	
0483	Phosphorus	Low	
0488	Bromide	High	
0488	Total Organic Carbon	Low	
0495	Nitrate + Nitrite as N	Low	
0559	Chloride	Low	
0565	Uranium	High	
0588	Dissolved Organic Carbon	Low	
0588	Phosphorus	Low	
0589	Chemical Oxygen Demand	High	
0589	Phosphorus	Low	
0589	Total Organic Carbon	Low	
0591	Bromide	High	
0591	Nitrate + Nitrite as N	High	

Anomalous Data Review Checksheet (Continued)

Loc. No.	Analyte	Type of Anomaly	Disposition
0597	Uranium	High	
0602	Phosphorous	Low	
0603	Nitrate + Nitrite as N	High	
0686	Dissolved Organic Carbon	Low	
0686	Dissolved Organic Carbon	Low	
0687	Total Kjeldahl Nitrogen	High	
0695	Iron	Low	
0403	Carbon Dioxide	High	
0495	Carbon Dioxide	Low	
0588	Iron II	Low	
0591	Iron II	Low	
0603	Carbon Dioxide	High	
0604	Manganese II	High	

Water Quality Data

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	210			#	-	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	140			#	-	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	160			#	-	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	160			#	-	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	192			#	-	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	186			#	-	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	185			#	-	-
	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	180			#	-	-
	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	654		F	#	-	-
	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	288		F	#	-	-
	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	828		F	#	-	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	808		F	#	-	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	280		F	#	-	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	848		F	#	-	-
	mg/L	0470	WL, EXT	09/12/2006	0001	18.00 - 18.00	618			#	-	-
	mg/L	0471	WL, EXT	09/12/2006	0001	18.00 - 18.00	594			#	-	-
	mg/L	0472	WL, EXT	09/12/2006	0001	18.00 - 18.00	452			#	-	-
	mg/L	0473	WL, EXT	09/12/2006	0001	18.00 - 18.00	422			#	-	-
	mg/L	0474	WL, EXT	09/12/2006	0001	18.00 - 18.00	468			#	-	-
	mg/L	0475	WL, EXT	09/12/2006	0001	18.00 - 18.00	500			#	-	-
	mg/L	0476	WL, EXT	09/12/2006	0001	18.00 - 18.00	468			#	-	-
	mg/L	0477	WL, EXT	09/12/2006	0001	18.00 - 18.00	624			#	-	-
	mg/L	0478	WL, EXT	09/12/2006	0001	23.00 - 23.00	700			#	-	-
	mg/L	0479	WL, EXT	09/12/2006	0001	23.00 - 23.00	726			#	-	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	704		F	#	-	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	780		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	804		F	#	-	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	280		F	#	-	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	574		F	#	-	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	888		F	#	-	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	256		F	#	-	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	968		F	#	-	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	970		F	#	-	-
	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	1060		F	#	-	-
	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	684			#	-	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	646			#	-	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	616		F	#	-	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	710		F	#	-	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	380		F	#	-	-
	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	620		F	#	-	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	354		F	#	-	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	240		QF	#	-	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	240		QF	#	-	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	220		QF	#	-	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	180		QF	#	-	-
	mg/L	0570	WL, I&E	09/12/2006	0001	27.00 - 27.00	630			#	-	-
	mg/L	0571	WL, I&E	09/12/2006	0001	37.00 - 37.00	740			#	-	-
	mg/L	0572	WL, I&E	09/12/2006	0001	27.00 - 27.00	704			#	-	-
	mg/L	0573	WL, I&E	09/12/2006	0001	37.00 - 37.00	742			#	-	-
	mg/L	0575	WL, I&E	09/12/2006	0001	37.00 - 37.00	650			#	-	-
	mg/L	0576	WL, I&E	09/12/2006	0001	27.00 - 27.00	822			#	-	-
	mg/L	0577	WL, I&E	09/12/2006	0001	37.00 - 37.00	692			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	536		F	#	-	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	660		F	#	-	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	500		F	#	-	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	354		F	#	-	-
	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	506		F	#	-	-
	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	804		F	#	-	-
	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	580		F	#	-	-
	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	700		F	#	-	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	380		F	#	-	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	390		F	#	-	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	426		F	#	-	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	700		QF	#	-	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	400		F	#	-	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	750		QF	#	-	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	980		QF	#	-	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	1040		QF	#	-	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	1050		F	#	-	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	643		F	#	-	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	480		F	#	-	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	620		QF	#	-	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	484		QF	#	-	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	500		QF	#	-	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	490		QF	#	-	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	182		QF	#	-	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	236		QF	#	-	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	222		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	216		QF	#	-	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	746		QF	#	-	-
	mg/L	0670	WL, I&E	09/13/2006	0001	40.00 - 40.00	886			#	-	-
	mg/L	0671	WL, I&E	09/13/2006	0001	40.00 - 40.00	800			#	-	-
	mg/L	0672	WL, I&E	09/13/2006	0001	40.00 - 40.00	744			#	-	-
	mg/L	0673	WL, I&E	09/13/2006	0001	40.00 - 40.00	806			#	-	-
	mg/L	0674	WL, I&E	09/13/2006	0001	40.00 - 40.00	874			#	-	-
	mg/L	0675	WL, I&E	09/13/2006	0001	40.00 - 40.00	866			#	-	-
	mg/L	0676	WL, I&E	09/13/2006	0001	40.00 - 40.00	860			#	-	-
	mg/L	0677	WL, I&E	09/13/2006	0001	40.00 - 40.00	834			#	-	-
	mg/L	0678	WL, I&E	09/13/2006	0001	40.00 - 40.00	802			#	-	-
	mg/L	0679	WL, I&E	09/13/2006	0001	40.00 - 40.00	914			#	-	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	932		F	#	-	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	880		F	#	-	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	656		F	#	-	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	687		F	#	-	-
	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	978		F	#	-	-
	mg/L	0688	WL	09/06/2006	0001	39.00 - 39.00	994		F	#	-	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	242		F	#	-	-
	mg/L	0689	WL	09/06/2006	0001	46.00 - 46.00	396		F	#	-	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	806		QF	#	-	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	850		QF	#	-	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	540		QF	#	-	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	580		QF	#	-	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	900		QF	#	-	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	214		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3	mg/L	0770	WL, I&E	09/14/2006	0001	30.00 - 30.00	830			#	-	-
	mg/L	0772	WL, I&E	09/14/2006	0001	30.00 - 30.00	828			#	-	-
	mg/L	0774	WL, I&E	09/14/2006	0001	30.00 - 30.00	754			#	-	-
	mg/L	0776	WL, I&E	09/14/2006	0001	30.00 - 30.00	764			#	-	-
	mg/L	0778	WL, I&E	09/14/2006	0001	30.00 - 30.00	668			#	-	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	690		F	#	-	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	328		QF	#	-	-
	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	880		QF	#	-	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	900		QF	#	-	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	186		QF	#	-	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	846		F	#	-	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	55.00 - 55.00	784			#	-	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	472		F	#	-	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	1296		F	#	-	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	626		F	#	-	-
Ammonia Total as N	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0216	SL, RIV	09/14/2006	0002	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0236	SL, RIV	09/13/2006	0002	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0245	SL, RIV	09/14/2006	0002	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-
	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.1	U		#	0.1	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	67		F	#	20	-
	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	82.300		F	#	0.549	-
	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	360		F	#	50	-
	mg/L	0404	WL	09/06/2006	0002	18.00 - 18.00	360		F	#	50	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	336.000		F	#	2.19	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	24.400		F	#	2.19	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	410		F	#	50	-
	mg/L	0470	WL, EXT	09/12/2006	0001	10.30 - 19.70	310			#	20	-
	mg/L	0471	WL, EXT	09/12/2006	0001	10.30 - 19.70	310			#	20	-
	mg/L	0472	WL, EXT	09/12/2006	0001	10.30 - 19.70	170			#	20	-
	mg/L	0473	WL, EXT	09/12/2006	0001	10.30 - 19.70	110			#	20	-
	mg/L	0474	WL, EXT	09/12/2006	0001	10.30 - 19.70	130			#	20	-
	mg/L	0475	WL, EXT	09/12/2006	0001	10.30 - 19.70	140			#	20	-
	mg/L	0476	WL, EXT	09/12/2006	0001	10.30 - 19.70	120			#	20	-
	mg/L	0477	WL, EXT	09/12/2006	0001	10.30 - 19.70	120			#	20	-
	mg/L	0478	WL, EXT	09/12/2006	0001	9.60 - 23.90	280			#	20	-
	mg/L	0479	WL, EXT	09/12/2006	0001	9.30 - 23.60	220			#	20	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	370		F	#	50	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	524.000		F	#	4.39	-
	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	910		F	#	50	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	500		F	#	50	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	174.000		F	#	2.19	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	1000		F	#	50	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	520		F	#	50	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	750		F	#	20	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	857.000		F	#	8.78	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	1300		F	#	50	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	83.400		QF	#	2.19	-
	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	570			#	20	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	500			#	20	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	1900		F	#	50	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	1900		F	#	50	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	74.500		F	#	2.19	-
	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	1200		F	#	50	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	920		F	#	50	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	1.2		QF	#	0.1	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	17.100		QF	#	0.549	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	0.51		QF	#	0.1	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	8.550		QF	#	0.549	-
	mg/L	0570	WL, I&E	09/12/2006	0001	15.00 - 30.00	560			#	20	-
	mg/L	0571	WL, I&E	09/12/2006	0001	25.00 - 40.00	550			#	20	-
	mg/L	0571	WL, I&E	09/12/2006	0002	25.00 - 40.00	570			#	20	-
	mg/L	0572	WL, I&E	09/12/2006	0001	15.00 - 30.00	460			#	20	-
	mg/L	0573	WL, I&E	09/12/2006	0001	25.00 - 40.00	510			#	20	-
	mg/L	0575	WL, I&E	09/12/2006	0001	25.00 - 40.00	790			#	20	-
	mg/L	0576	WL, I&E	09/12/2006	0001	15.00 - 30.00	450			#	20	-
	mg/L	0577	WL, I&E	09/12/2006	0001	25.00 - 40.00	730			#	20	-
	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	63		F	#	5	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	100		F	#	20	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	84		F	#	20	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	160		F	#	20	-
	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	230		F	#	50	-

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	400		F	#	50	-
	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	57		F	#	5	-
	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	590		F	#	50	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	121.000		F	#	2.19	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	770		F	#	20	-
	mg/L	0589	WL	09/18/2006	0002	52.00 - 52.00	820		F	#	20	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	1100.000		F	#	11	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	370.000		QF	#	11	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	150		F	#	5	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	388.000		QF	#	4.39	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	460		QF	#	20	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	480		QF	#	20	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	650		F	#	20	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	530		F	#	50	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	143.000		F	#	2.19	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	500.000		QF	#	4.39	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	77		QF	#	20	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	69.600		QF	#	2.19	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	43.500		QF	#	2.19	-
	mg/L	0608	WL, PZ	09/11/2006	0001	9.40 - 9.40	150		QF	#	20	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	1.8		QF	#	0.1	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	0.79		QF	#	0.1	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	2.2		QF	#	0.1	-
	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	77		QF	#	20	-
	mg/L	0617	WL, PZ	09/14/2006	0001	2.20 - 2.20	280		QF	#	20	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	410		QF	#	20	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0670	WL, I&E	09/13/2006	0001	15.90 - 45.90	470			#	20	-
	mg/L	0671	WL, I&E	09/13/2006	0001	14.40 - 44.40	510			#	20	-
	mg/L	0672	WL, I&E	09/13/2006	0001	15.00 - 45.00	650			#	20	-
	mg/L	0673	WL, I&E	09/13/2006	0001	16.30 - 46.30	640			#	20	-
	mg/L	0674	WL, I&E	09/13/2006	0001	15.10 - 45.10	550			#	20	-
	mg/L	0674	WL, I&E	09/13/2006	0002	15.10 - 45.10	580			#	20	-
	mg/L	0675	WL, I&E	09/13/2006	0001	16.00 - 46.00	520			#	20	-
	mg/L	0676	WL, I&E	09/13/2006	0001	15.90 - 45.90	440			#	20	-
	mg/L	0677	WL, I&E	09/13/2006	0001	15.20 - 45.20	510			#	20	-
	mg/L	0678	WL, I&E	09/13/2006	0001	16.30 - 46.30	520	N	J	#	20	-
	mg/L	0679	WL, I&E	09/13/2006	0001	15.00 - 45.00	540			#	20	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	440		F	#	50	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	390		F	#	50	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	42.100		F	#	2.19	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	14.300		F	#	1.1	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	562.000		F	#	8.78	-
	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	880		F	#	50	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	320		F	#	50	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	228.000		QF	#	2.19	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	398.000		QF	#	4.39	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	60		QF	#	20	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	98.700		QF	#	2.19	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	641.000		QF	#	5.49	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	16		QF	#	1	-
	mg/L	0697	WL, PZ	09/14/2006	0001	4.80 - 4.80	95		QF	#	20	-
	mg/L	0770	WL, I&E	09/14/2006	0001	14.90 - 34.80	660			#	20	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0772	WL, I&E	09/14/2006	0001	15.15 - 35.05	650			#	20	-
	mg/L	0774	WL, I&E	09/14/2006	0001	15.50 - 35.40	690			#	20	-
	mg/L	0776	WL, I&E	09/14/2006	0001	15.15 - 35.05	770			#	20	-
	mg/L	0778	WL, I&E	09/14/2006	0001	15.10 - 35.00	800			#	20	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	650		F	#	20	-
	mg/L	0782	WL	09/20/2006	0002	33.00 - 33.00	670		F	#	20	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	57		QF	#	2	-
	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	600		QF	#	20	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	760		QF	#	20	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	0.21		QF	#	0.1	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	610		F	#	20	-
	mg/L	SMI-PW01	WL	09/15/2006	0002	40.00 - 40.00	570		F	#	20	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	20.04 - 60.04	810			#	20	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	2000		F	#	50	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	1000		F	#	20	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	400		F	#	20	-
Bromide	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0216	SL, RIV	09/14/2006	0002	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0236	SL, RIV	09/13/2006	0002	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	0.4	U		#	0.4	-
	mg/L	0245	SL, RIV	09/14/2006	0002	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.2	U		#	0.2	-
	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	2	U	F	#	2	-
	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.14	B	F	#	0.05	-
	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0404	WL	09/06/2006	0002	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	50.0	U	F	#	50	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.050	U	F	#	0.05	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	4	U	F	#	4	-
	mg/L	0470	WL, EXT	09/12/2006	0001	10.30 - 19.70	4	U		#	4	-
	mg/L	0471	WL, EXT	09/12/2006	0001	10.30 - 19.70	4	U		#	4	-
	mg/L	0472	WL, EXT	09/12/2006	0001	10.30 - 19.70	2	U		#	2	-
	mg/L	0473	WL, EXT	09/12/2006	0001	10.30 - 19.70	2	U		#	2	-
	mg/L	0474	WL, EXT	09/12/2006	0001	10.30 - 19.70	2	U		#	2	-
	mg/L	0475	WL, EXT	09/12/2006	0001	10.30 - 19.70	2	U		#	2	-
	mg/L	0476	WL, EXT	09/12/2006	0001	10.30 - 19.70	2	U		#	2	-
	mg/L	0477	WL, EXT	09/12/2006	0001	10.30 - 19.70	2	U		#	2	-
	mg/L	0478	WL, EXT	09/12/2006	0001	9.60 - 23.90	4	U		#	4	-
	mg/L	0479	WL, EXT	09/12/2006	0001	9.30 - 23.60	4	U		#	4	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	25.0	U	F	#	25	-
	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	20	U	F	#	20	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	20	U	F	#	20	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.41		F	#	0.05	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	10	U	F	#	10	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	20	U	F	#	20	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	4	U	F	#	4	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	50.0	U	F	#	50	-
	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	10	U	F	#	10	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	50.0	U	QF	#	50	-
	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	10	U		#	10	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	10	U		#	10	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	20	U	F	#	20	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	20	U	F	#	20	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.050	U	F	#	0.05	-
	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	20	U	F	#	20	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	20	U	F	#	20	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	0.2	U	QF	#	0.2	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.050	U	QF	#	0.05	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	0.2	U	QF	#	0.2	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.050	U	QF	#	0.05	-
	mg/L	0570	WL, I&E	09/12/2006	0001	15.00 - 30.00	10	U		#	10	-
	mg/L	0571	WL, I&E	09/12/2006	0001	25.00 - 40.00	10	U		#	10	-
	mg/L	0571	WL, I&E	09/12/2006	0002	25.00 - 40.00	10	U		#	10	-
	mg/L	0572	WL, I&E	09/12/2006	0001	15.00 - 30.00	10	U		#	10	-
	mg/L	0573	WL, I&E	09/12/2006	0001	25.00 - 40.00	10	U		#	10	-
	mg/L	0575	WL, I&E	09/12/2006	0001	25.00 - 40.00	10	U		#	10	-
	mg/L	0576	WL, I&E	09/12/2006	0001	15.00 - 30.00	10	U		#	10	-
	mg/L	0577	WL, I&E	09/12/2006	0001	25.00 - 40.00	10	U		#	10	-
	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	2	U	F	#	2	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	2	U	F	#	2	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	2	U	F	#	2	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	2	U	F	#	2	-
	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	10	U	F	#	10	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	25.0	U	F	#	25	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	40	U	F	#	40	-
	mg/L	0589	WL	09/18/2006	0002	52.00 - 52.00	20	U	F	#	20	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	25.0	U	F	#	25	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	25.0	U	QF	#	25	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	1	U	F	#	1	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	25.0	U	QF	#	25	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	4	U	QF	#	4	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	4	U	QF	#	4	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	10	U	F	#	10	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	4	U	F	#	4	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	25.0	U	F	#	25	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	25.0	U	QF	#	25	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	1	U	QF	#	1	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.050	U	QF	#	0.05	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.050	U	QF	#	0.05	-
	mg/L	0608	WL, PZ	09/11/2006	0001	9.40 - 9.40	2	U	QF	#	2	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	0.2	U	QF	#	0.2	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	0.2	U	QF	#	0.2	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	0.2	U	QF	#	0.2	-
	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	0.4	U	QF	#	0.4	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	4	U	QF	#	4	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0670	WL, I&E	09/13/2006	0001	15.90 - 45.90	4	U		#	4	-
	mg/L	0671	WL, I&E	09/13/2006	0001	14.40 - 44.40	10	U		#	10	-
	mg/L	0672	WL, I&E	09/13/2006	0001	15.00 - 45.00	10	U		#	10	-
	mg/L	0673	WL, I&E	09/13/2006	0001	16.30 - 46.30	10	U		#	10	-
	mg/L	0674	WL, I&E	09/13/2006	0001	15.10 - 45.10	10	U		#	10	-
	mg/L	0674	WL, I&E	09/13/2006	0002	15.10 - 45.10	20	U		#	20	-
	mg/L	0675	WL, I&E	09/13/2006	0001	16.00 - 46.00	10	U		#	10	-
	mg/L	0676	WL, I&E	09/13/2006	0001	15.90 - 45.90	10	U		#	10	-
	mg/L	0677	WL, I&E	09/13/2006	0001	15.20 - 45.20	10	U		#	10	-
	mg/L	0678	WL, I&E	09/13/2006	0001	16.30 - 46.30	10	U		#	10	-
	mg/L	0679	WL, I&E	09/13/2006	0001	15.00 - 45.00	10	U		#	10	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	4	U	F	#	4	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	4	U	F	#	4	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	25.0	U	F	#	25	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	25.0	U	F	#	25	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	50.0	U	F	#	50	-
	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	10	U	F	#	10	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	20	U	F	#	20	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	25.0	U	QF	#	25	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	50.0	U	QF	#	50	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	1	U	QF	#	1	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.050	U	QF	#	0.05	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	25.0	U	QF	#	25	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	0.4	U	QF	#	0.4	-
	mg/L	0697	WL, PZ	09/14/2006	0001	4.80 - 4.80	1	U	QF	#	1	-
	mg/L	0770	WL, I&E	09/14/2006	0001	14.90 - 34.80	10	U		#	10	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0772	WL, I&E	09/14/2006	0001	15.15 - 35.05	10	U		#	10	-
	mg/L	0774	WL, I&E	09/14/2006	0001	15.50 - 35.40	10	U		#	10	-
	mg/L	0776	WL, I&E	09/14/2006	0001	15.15 - 35.05	10	U		#	10	-
	mg/L	0778	WL, I&E	09/14/2006	0001	15.10 - 35.00	10	U		#	10	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	20	U	F	#	20	-
	mg/L	0782	WL	09/20/2006	0002	33.00 - 33.00	10	U	F	#	10	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	1	U	QF	#	1	-
	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	10	U	QF	#	10	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	10	U	QF	#	10	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	0.2	U	QF	#	0.2	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	4	U	F	#	4	-
	mg/L	SMI-PW01	WL	09/15/2006	0002	40.00 - 40.00	4	U	F	#	4	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	20.04 - 60.04	20	U		#	20	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	20	U	F	#	20	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	10	U	F	#	10	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	4	U	F	#	4	-
Carbon Dioxide	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	13.00		F	#	0.39	-
	mg/L	0403	WL	09/28/2006	N001	18.00 - 18.00	100.00		F	#	0.39	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	16.00		F	#	0.39	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	17.00		F	#	0.39	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	98.00		F	#	0.39	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	14.00		F	#	0.39	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	8.60		F	#	0.39	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	4.80	J	F	#	0.39	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	5.00	U	QF	#	0.39	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	27.00		F	#	0.39	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Carbon Dioxide	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	53.00		F	#	0.39	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	12.00		QF	#	0.39	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	55.00		QF	#	0.39	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	65.00		F	#	0.39	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	11.00		QF	#	0.39	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	1.20	J	QF	#	0.39	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	0.57	J	QF	#	0.39	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	140.00		F	#	0.39	-
	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	140.00		F	#	0.39	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	150.00		F	#	0.39	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	46.00		QF	#	0.39	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	33.00		QF	#	0.39	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	8.70		QF	#	0.39	-
	mg/L	0695	WL, PZ	09/25/2006	N001	9.80 - 9.80	120.00		QF	#	0.39	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	85.00		QF	#	0.39	-
Chemical Oxygen Demand	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	61.0		F	#	9.2	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	244		FJ	#	9.2	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	23.0		F	#	9.2	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	447		F	#	9.2	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	126		F	#	9.2	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	279		FJ	#	9.2	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	293		QFJ	#	9.2	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	93.0		F	#	9.2	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	58.0		QF	#	9.2	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	37.0		QF	#	9.2	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	117		F	#	9.2	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chemical Oxygen Demand	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	4400		F	#	45.8	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	118		QF	#	9.2	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	234		QFJ	#	9.2	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	77.0		F	#	9.2	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	251		QF	#	9.2	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	42.0		QF	#	9.2	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	40.0		QF	#	9.2	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	54.0		FJ	#	9.2	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	50.0		F	#	9.2	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	998		FJ	#	9.2	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	162		QFJ	#	9.2	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	254		QFJ	#	9.2	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	66.0		QF	#	9.2	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	390		QF	#	9.2	-
Chloride	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	73			#	2	-
	mg/L	0216	SL, RIV	09/14/2006	0002	0.00 - 0.00	74			#	2	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	76			#	2	-
	mg/L	0236	SL, RIV	09/13/2006	0002	0.00 - 0.00	77			#	2	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	74			#	2	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	74			#	2	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	71			#	2	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	72			#	4	-
	mg/L	0245	SL, RIV	09/14/2006	0002	0.00 - 0.00	73			#	2	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	75			#	2	-
	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	74			#	2	-
	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	590		F	#	20	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	299		F	#	2.3	-
	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	2000		F	#	40	-
	mg/L	0404	WL	09/06/2006	0002	18.00 - 18.00	1900		F	#	40	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	2030	J	F	#	22.8	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	103		F	#	1.1	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	1700		F	#	40	-
	mg/L	0470	WL, EXT	09/12/2006	0001	10.30 - 19.70	2200			#	40	-
	mg/L	0471	WL, EXT	09/12/2006	0001	10.30 - 19.70	2300			#	40	-
	mg/L	0472	WL, EXT	09/12/2006	0001	10.30 - 19.70	1300			#	20	-
	mg/L	0473	WL, EXT	09/12/2006	0001	10.30 - 19.70	900			#	20	-
	mg/L	0474	WL, EXT	09/12/2006	0001	10.30 - 19.70	1100			#	20	-
	mg/L	0475	WL, EXT	09/12/2006	0001	10.30 - 19.70	1100			#	20	-
	mg/L	0476	WL, EXT	09/12/2006	0001	10.30 - 19.70	1100			#	20	-
	mg/L	0477	WL, EXT	09/12/2006	0001	10.30 - 19.70	1200			#	20	-
	mg/L	0478	WL, EXT	09/12/2006	0001	9.60 - 23.90	3600			#	40	-
	mg/L	0479	WL, EXT	09/12/2006	0001	9.30 - 23.60	1500			#	40	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	4100		F	#	100	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	5840		F	#	228	-
	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	10000		F	#	1000	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	45000		F	#	1000	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.12	B	F	#	0.023	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	10000		F	#	400	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	44000		F	#	1000	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	1700		F	#	40	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	1560	J	F	#	22.8	-
	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	5600		F	#	100	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	2590	J	QF	#	22.8	-
	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	8300			#	100	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	9900			#	100	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	24000		F	#	400	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	27000		F	#	1000	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.033	B	UF	#	0.023	-
	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	19000		F	#	400	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	37000		F	#	1000	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	73		QF	#	2	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	80.6		UQF	#	1.1	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	74		QF	#	2	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	68.4		UQF	#	1.1	-
	mg/L	0570	WL, I&E	09/12/2006	0001	15.00 - 30.00	11000			#	200	-
	mg/L	0571	WL, I&E	09/12/2006	0001	25.00 - 40.00	6900			#	100	-
	mg/L	0571	WL, I&E	09/12/2006	0002	25.00 - 40.00	6500			#	100	-
	mg/L	0572	WL, I&E	09/12/2006	0001	15.00 - 30.00	5500			#	100	-
	mg/L	0573	WL, I&E	09/12/2006	0001	25.00 - 40.00	6600			#	100	-
	mg/L	0575	WL, I&E	09/12/2006	0001	25.00 - 40.00	24000			#	400	-
	mg/L	0576	WL, I&E	09/12/2006	0001	15.00 - 30.00	5300			#	100	-
	mg/L	0577	WL, I&E	09/12/2006	0001	25.00 - 40.00	17000			#	400	-
	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	1200		F	#	20	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	1100		F	#	40	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	780		F	#	20	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	370		F	#	20	-
	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	1700		F	#	40	-
	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	170		F	#	4	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	750		F	#	20	-
	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	15000		F	#	200	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	1500		UF	#	11.4	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	35000		F	#	2000	-
	mg/L	0589	WL	09/18/2006	0002	52.00 - 52.00	35000		F	#	1000	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	40700		F	#	1140	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	1340		UQF	#	11.4	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	750		F	#	20	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	2220	J	QF	#	11.4	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	1700		QF	#	40	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	1800		QF	#	40	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	3000		F	#	100	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	1600		F	#	40	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	806		F	#	11.4	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	1510		UQF	#	11.4	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	130		QF	#	10	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	193		UQF	#	2.3	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	83.1		UQF	#	2.3	-
	mg/L	0608	WL, PZ	09/11/2006	0001	9.40 - 9.40	930		QF	#	20	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	73		QF	#	2	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	73		QF	#	2	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	79		QF	#	2	-
	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	69		QF	#	4	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	1800		QF	#	40	-
	mg/L	0670	WL, I&E	09/13/2006	0001	15.90 - 45.90	3100			#	40	-
	mg/L	0671	WL, I&E	09/13/2006	0001	14.40 - 44.40	5700			#	100	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0672	WL, I&E	09/13/2006	0001	15.00 - 45.00	10000			#	200	-
	mg/L	0673	WL, I&E	09/13/2006	0001	16.30 - 46.30	9800			#	200	-
	mg/L	0674	WL, I&E	09/13/2006	0001	15.10 - 45.10	8000			#	100	-
	mg/L	0674	WL, I&E	09/13/2006	0002	15.10 - 45.10	7200			#	200	-
	mg/L	0675	WL, I&E	09/13/2006	0001	16.00 - 46.00	5300			#	100	-
	mg/L	0676	WL, I&E	09/13/2006	0001	15.90 - 45.90	3100			#	100	-
	mg/L	0677	WL, I&E	09/13/2006	0001	15.20 - 45.20	3200			#	100	-
	mg/L	0678	WL, I&E	09/13/2006	0001	16.30 - 46.30	3500			#	100	-
	mg/L	0679	WL, I&E	09/13/2006	0001	15.00 - 45.00	2800			#	100	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	2200		F	#	40	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	1900		F	#	40	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	946	J	F	#	11.4	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	1090	J	F	#	11.4	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	3630	J	F	#	22.8	-
	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	6000		F	#	400	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	47000		F	#	1000	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	1770	J	QF	#	11.4	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	2110	J	QF	#	22.8	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	300		QF	#	10	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	178		QF	#	2.3	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	3030		QF	#	22.8	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	71		QF	#	4	-
	mg/L	0697	WL, PZ	09/14/2006	0001	4.80 - 4.80	120		QF	#	10	-
	mg/L	0770	WL, I&E	09/14/2006	0001	14.90 - 34.80	9700			#	100	-
	mg/L	0772	WL, I&E	09/14/2006	0001	15.15 - 35.05	9800			#	100	-
	mg/L	0774	WL, I&E	09/14/2006	0001	15.50 - 35.40	9600			#	200	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0776	WL, I&E	09/14/2006	0001	15.15 - 35.05	9600			#	200	-
	mg/L	0778	WL, I&E	09/14/2006	0001	15.10 - 35.00	9100			#	100	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	22000		F	#	1000	-
	mg/L	0782	WL	09/20/2006	0002	33.00 - 33.00	22000		F	#	400	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	250		QF	#	10	-
	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	4300		QF	#	100	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	6700		QF	#	100	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	74		QF	#	2	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	1500		F	#	40	-
	mg/L	SMI-PW01	WL	09/15/2006	0002	40.00 - 40.00	1500		F	#	40	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	20.04 - 60.04	20000			#	1000	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	34000		F	#	1000	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	6500		F	#	100	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	2100		F	#	40	-
Dissolved Organic Carbon	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0405	WL	09/28/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	0.47	U	F	#	0.47	-
	mg/L	0480	WL	09/25/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	0.47	U	F	#	0.47	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	0.47	U	QF	#	0.47	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	0.47	U	F	#	0.47	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	0.47	U	QF	#	0.47	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	0.47	U	QF	#	0.47	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	0.47	U	F	#	0.47	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	0.47	U	F	#	0.47	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Organic Carbon	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	0.47	U	QF	#	0.47	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	0.47	U	QF	#	0.47	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	0.47	U	F	#	0.47	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	0.47	U	QF	#	0.47	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	0.47	U	QF	#	0.47	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	0.47	U	QF	#	0.47	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	0.47	U	F	#	0.47	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	0.47	U	QF	#	0.47	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	0.47	U	QF	#	0.47	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	0.47	U	QF	#	0.47	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	0.47	U	QF	#	0.47	-
Dissolved Oxygen	mg/L	0216	SL, RIV	09/14/2006	N001	0.00 - 0.00	7.25			#	-	-
	mg/L	0236	SL, RIV	09/13/2006	N001	0.00 - 0.00	11.56			#	-	-
	mg/L	0239	SL, RIV	09/13/2006	N001	0.00 - 0.00	7.28			#	-	-
	mg/L	0240	SL, RIV	09/12/2006	N001	0.00 - 0.00	10.45			#	-	-
	mg/L	0243	SL	09/13/2006	N001	0.00 - 0.00	7.52			#	-	-
	mg/L	0245	SL, RIV	09/14/2006	N001	0.00 - 0.00	7.25			#	-	-
	mg/L	0258	SL, RIV	09/12/2006	N001	0.00 - 0.00	8.68			#	-	-
	mg/L	0259	SL, RIV	09/12/2006	N001	0.00 - 0.00	8.29			#	-	-
	mg/L	0402	WL	09/18/2006	N001	17.00 - 17.00	3.58		F	#	-	-
	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	2.08		F	#	-	-
	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	5.20		F	#	0.05	-
	mg/L	0403	WL	09/28/2006	N001	18.00 - 18.00	3.30		F	#	0.05	-
	mg/L	0404	WL	09/06/2006	N001	18.00 - 18.00	2.57		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0405	WL	09/28/2006	N001	18.00 - 18.00	1.55		F	#	-	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	2.03		F	#	-	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	4.60		F	#	0.05	-
	mg/L	0408	WL	09/07/2006	N001	26.00 - 26.00	1.72		F	#	-	-
	mg/L	0470	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.82			#	-	-
	mg/L	0471	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.28			#	-	-
	mg/L	0472	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.27			#	-	-
	mg/L	0473	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.89			#	-	-
	mg/L	0474	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.16			#	-	-
	mg/L	0475	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.18			#	-	-
	mg/L	0476	WL, EXT	09/12/2006	N001	18.00 - 18.00	5.55			#	-	-
	mg/L	0477	WL, EXT	09/12/2006	N001	18.00 - 18.00	4.21			#	-	-
	mg/L	0478	WL, EXT	09/12/2006	N001	23.00 - 23.00	3.39			#	-	-
	mg/L	0479	WL, EXT	09/12/2006	N001	23.00 - 23.00	4.94			#	-	-
	mg/L	0480	WL	09/05/2006	N001	18.00 - 18.00	1.15		F	#	-	-
	mg/L	0480	WL	09/25/2006	N001	18.00 - 18.00	2.02		F	#	-	-
	mg/L	0481	WL	09/05/2006	N001	28.00 - 28.00	1.38		F	#	-	-
	mg/L	0482	WL	09/05/2006	N001	58.00 - 58.00	1.20		F	#	-	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	1.71		F	#	-	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	5.40		F	#	0.05	-
	mg/L	0484	WL	09/05/2006	N001	31.00 - 31.00	0.99		F	#	-	-
	mg/L	0485	WL	09/05/2006	N001	58.00 - 58.00	1.59		F	#	-	-
	mg/L	0488	WL	09/18/2006	N001	39.00 - 39.00	1.68		F	#	-	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	0.68		F	#	-	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	3.00		F	#	0.05	-
	mg/L	0493	WL	09/18/2006	N001	54.00 - 54.00	1.54		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	3.80		QF	#	-	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	7.90		F	#	0.05	-
	mg/L	0497	WL, PZ	09/13/2006	N001	6.99 - 6.99	3.51		QF	#	-	-
	mg/L	0547	TS, INFL	09/20/2006	N001	0.00 - 0.00	5.18			#	-	-
	mg/L	0548	TS, EPND	09/20/2006	N001	0.00 - 0.00	8.53			#	-	-
	mg/L	0557	WL	09/05/2006	N001	40.00 - 40.00	1.72		F	#	-	-
	mg/L	0558	WL	09/05/2006	N001	36.00 - 36.00	1.69		F	#	-	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	2.41		F	#	-	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	3.80		F	#	0.05	-
	mg/L	0560	WL	09/05/2006	N001	31.00 - 31.00	1.84		F	#	-	-
	mg/L	0561	WL	09/05/2006	N001	50.00 - 50.00	1.41		F	#	-	-
	mg/L	0562	WL, PZ	09/11/2006	N001	1.80 - 1.80	0.79		QF	#	-	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	1.82		QF	#	-	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	3.90		F	#	0.05	-
	mg/L	0564	WL, PZ	09/11/2006	N001	1.70 - 1.70	7.39		QF	#	-	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	2.90		QF	#	0.05	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	2.73		QF	#	-	-
	mg/L	0570	WL, I&E	09/12/2006	N001	27.00 - 27.00	4.62			#	-	-
	mg/L	0571	WL, I&E	09/12/2006	N001	37.00 - 37.00	3.99			#	-	-
	mg/L	0572	WL, I&E	09/12/2006	N001	27.00 - 27.00	4.48			#	-	-
	mg/L	0573	WL, I&E	09/12/2006	N001	37.00 - 37.00	3.29			#	-	-
	mg/L	0575	WL, I&E	09/12/2006	N001	37.00 - 37.00	3.87			#	-	-
	mg/L	0576	WL, I&E	09/12/2006	N001	27.00 - 27.00	2.83			#	-	-
	mg/L	0577	WL, I&E	09/12/2006	N001	37.00 - 37.00	2.17			#	-	-
	mg/L	0580	WL	09/18/2006	N001	18.00 - 18.00	2.71		F	#	-	-
	mg/L	0581	WL	09/18/2006	N001	18.00 - 18.00	3.07		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0582	WL	09/18/2006	N001	18.00 - 18.00	2.37		F	#	-	-
	mg/L	0584	WL	09/18/2006	N001	18.00 - 18.00	2.75		F	#	-	-
	mg/L	0585	WL	09/07/2006	N001	18.00 - 18.00	2.08		F	#	-	-
	mg/L	0586	WL	09/07/2006	N001	18.00 - 18.00	2.14		F	#	-	-
	mg/L	0587	WL	09/18/2006	N001	18.00 - 18.00	3.51		F	#	-	-
	mg/L	0588	WL	09/07/2006	N001	34.00 - 34.00	1.62		F	#	-	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	1.18		F	#	-	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	3.30		F	#	0.05	-
	mg/L	0589	WL	09/18/2006	N001	52.00 - 52.00	3.08		F	#	-	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	0.64		F	#	-	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	2.70		F	#	0.05	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	6.40		QF	#	0.05	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	7.39		QF	#	-	-
	mg/L	0596	WL	09/05/2006	N001	24.00 - 24.00	0.89		F	#	-	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	1.16		QF	#	-	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	3.50		QF	#	0.05	-
	mg/L	0598	WL, PZ	09/13/2006	N001	9.60 - 9.60	1.17		QF	#	-	-
	mg/L	0599	WL, PZ	09/14/2006	N001	9.90 - 9.90	2.15		QF	#	-	-
	mg/L	0600	WL	09/18/2006	N001	27.00 - 27.00	1.30		F	#	-	-
	mg/L	0601	WL	09/07/2006	N001	27.00 - 27.00	1.91		F	#	-	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	1.35		F	#	-	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	2.10		F	#	0.05	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	4.90		QF	#	0.05	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	5.46		QF	#	-	-
	mg/L	0605	WL, PZ	09/11/2006	N001	9.90 - 9.90	3.56		QF	#	-	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	3.75		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	7.90		QF	#	0.05	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	4.50		QF	#	0.05	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	5.25		QF	#	-	-
	mg/L	0608	WL, PZ	09/11/2006	N001	9.40 - 9.40	5.88		QF	#	-	-
	mg/L	0611	WL, PZ	09/11/2006	N001	2.70 - 2.70	0.78		QF	#	-	-
	mg/L	0612	WL, PZ	09/11/2006	N001	4.80 - 4.80	5.96		QF	#	-	-
	mg/L	0615	WL, PZ	09/11/2006	N001	1.90 - 1.90	5.56		QF	#	-	-
	mg/L	0616	WL, PZ	09/14/2006	N001	5.80 - 5.80	4.88		QF	#	-	-
	mg/L	0617	WL, PZ	09/14/2006	N001	2.20 - 2.20	1.37		QF	#	-	-
	mg/L	0618	WL, PZ	09/13/2006	N001	5.80 - 5.80	2.76		QF	#	-	-
	mg/L	0670	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.72			#	-	-
	mg/L	0671	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.08			#	-	-
	mg/L	0672	WL, I&E	09/13/2006	N001	40.00 - 40.00	2.23			#	-	-
	mg/L	0673	WL, I&E	09/13/2006	N001	40.00 - 40.00	2.55			#	-	-
	mg/L	0674	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.26			#	-	-
	mg/L	0675	WL, I&E	09/13/2006	N001	40.00 - 40.00	2.88			#	-	-
	mg/L	0676	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.80			#	-	-
	mg/L	0677	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.33			#	-	-
	mg/L	0678	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.18			#	-	-
	mg/L	0679	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.39			#	-	-
	mg/L	0682	WL	09/06/2006	N001	28.00 - 28.00	1.68		F	#	-	-
	mg/L	0683	WL	09/06/2006	N001	27.00 - 27.00	2.86		F	#	-	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	1.64		F	#	-	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	1.90		F	#	0.05	-
	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	2.00		F	#	0.05	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	1.63		F	#	-	-

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	1.90		F	#	0.05	-
	mg/L	0688	WL	09/06/2006	N001	31.00 - 31.00	1.78		F	#	-	-
	mg/L	0688	WL	09/06/2006	N001	39.00 - 39.00	1.98		F	#	-	-
	mg/L	0689	WL	09/06/2006	N001	46.00 - 46.00	1.35		F	#	-	-
	mg/L	0689	WL	09/06/2006	N001	54.00 - 54.00	1.17		F	#	-	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	2.93		QF	#	-	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	3.00		QF	#	0.05	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	3.84		QF	#	-	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	3.90		QF	#	0.05	-
	mg/L	0693	WL, PZ	09/11/2006	N001	2.00 - 2.00	6.69		QF	#	-	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	3.40		QF	#	0.05	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	4.71		QF	#	-	-
	mg/L	0695	WL, PZ	09/25/2006	N001	9.80 - 9.80	3.60		QF	#	0.05	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	1.65		QF	#	-	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	2.40		QF	#	0.05	-
	mg/L	0696	WL, PZ	09/14/2006	N001	1.80 - 1.80	6.34		QF	#	-	-
	mg/L	0697	WL, PZ	09/14/2006	N001	4.80 - 4.80	5.78		QF	#	-	-
	mg/L	0698	WL, PZ	09/11/2006	N001	11.02 - 11.02	4.86		F	#	-	-
	mg/L	0770	WL, I&E	09/14/2006	N001	30.00 - 30.00	0.82			#	-	-
	mg/L	0772	WL, I&E	09/14/2006	N001	30.00 - 30.00	1.16			#	-	-
	mg/L	0774	WL, I&E	09/14/2006	N001	30.00 - 30.00	1.03			#	-	-
	mg/L	0776	WL, I&E	09/14/2006	N001	30.00 - 30.00	1.01			#	-	-
	mg/L	0778	WL, I&E	09/14/2006	N001	30.00 - 30.00	1.00			#	-	-
	mg/L	0782	WL	09/20/2006	N001	33.00 - 33.00	1.78		F	#	-	-
	mg/L	0790	WL, PZ	09/15/2006	N001	0.00 - 0.00	1.74		QF	#	-	-
	mg/L	0791	WL, PZ	09/15/2006	N001	0.00 - 0.00	0.93		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0792	WL, PZ	09/15/2006	N001	0.00 - 0.00	2.79		QF	#	-	-
	mg/L	0793	WL, PZ	09/15/2006	N001	0.00 - 0.00	2.46		QF	#	-	-
	mg/L	SMI-PW01	WL	09/15/2006	N001	40.00 - 40.00	1.02		F	#	-	-
	mg/L	SMI-PW02	WL	09/20/2006	N001	55.00 - 55.00	5.58			#	-	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	N001	73.00 - 73.00	1.21		F	#	-	-
	mg/L	SMI-PZ1M	WL	09/15/2006	N001	57.00 - 57.00	0.80		F	#	-	-
	mg/L	SMI-PZ1S	WL	09/15/2006	N001	18.00 - 18.00	1.03		F	#	-	-
Iron	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.0250	U	F	#	0.025	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.0250	U	F	#	0.025	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.204		F	#	0.025	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	0.0250	U	F	#	0.025	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.0250	U	F	#	0.025	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	0.0250	U	F	#	0.025	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	0.0250	U	QF	#	0.025	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.0250	U	F	#	0.025	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.0250	U	QF	#	0.025	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.0250	U	QF	#	0.025	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.0250	U	F	#	0.025	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.0250	U	F	#	0.025	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.0250	U	QF	#	0.025	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.0250	U	QF	#	0.025	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.0250	U	F	#	0.025	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.0250	U	QF	#	0.025	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.0250	U	QF	#	0.025	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.0250	U	QF	#	0.025	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	0.0250	U	F	#	0.025	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	0.0250	U	F	#	0.025	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.0250	U	F	#	0.025	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.0250	U	QF	#	0.025	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	0.0250	U	QF	#	0.025	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.0250	U	QF	#	0.025	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.0250	U	QF	#	0.025	-
Iron (II)	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	1.0	U	F	#	0.1	-
	mg/L	0403	WL	09/28/2006	N001	18.00 - 18.00	1.0	U	F	#	0.1	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	1.0	U	F	#	0.1	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	0.2	J	F	#	0.1	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	1.0	U	F	#	0.1	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	1.0	U	F	#	0.1	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	0.2	J	F	#	0.1	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	1.0	U	F	#	0.1	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	1.0	U	QF	#	0.1	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	0.2	J	F	#	0.1	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	1.0	U	F	#	0.1	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	0.3	J	QF	#	0.1	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	1.0	U	QF	#	0.1	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	1.0	U	F	#	0.1	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	0.4	J	QF	#	0.1	-
	mg/L	0604	WL, PZ	09/28/2006	N001	7.80 - 7.80	1.0	U	QF	#	0.1	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	1.0	U	QF	#	0.1	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	8.6		QF	#	0.1	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	1.0	U	F	#	0.1	-
	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	1.0	U	F	#	0.1	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:38 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron (II)	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	1.0	U	F	#	0.1	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	1.0	U	QF	#	0.1	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	1.0	U	QF	#	0.1	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	1.0	U	QF	#	0.1	-
	mg/L	0695	WL, PZ	09/25/2006	N001	9.80 - 9.80	1.0	U	QF	#	0.1	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	1.0	U	QF	#	0.1	-
Manganese	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.490	E	FJ	#	0.00034	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	6.140	N	F	#	0.0068	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.681	E	FJ	#	0.00034	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	5.200	E	FJ	#	0.00034	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.631	E	FJ	#	0.00034	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	5.870	N	F	#	0.0068	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	3.660	N	QF	#	0.0068	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.219	E	FJ	#	0.00034	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.428	E	QFJ	#	0.00034	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.313	E	QFJ	#	0.00034	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	1.710	E	FJ	#	0.00034	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	8.350	E	FJ	#	0.00034	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.624	E	QFJ	#	0.00034	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	6.080	N	QF	#	0.0068	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	2.930	E	FJ	#	0.00034	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	1.120	E	QFJ	#	0.00034	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.0358	E	QFJ	#	0.00034	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.0089	E	QFJ	#	0.00034	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	1.980	N	F	#	0.0068	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	1.940	N	F	#	0.0068	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	7.400	N	F	#	0.0068	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	2.710	N	QF	#	0.0068	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	3.750	N	QF	#	0.0068	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.288	E	QFJ	#	0.00034	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	3.830	E	QFJ	#	0.00034	-
Manganese (II)	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	0.6	J	F	#	0.1	-
	mg/L	0403	WL	09/28/2006	N001	18.00 - 18.00	6.8		F	#	0.1	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	0.8	J	F	#	0.1	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	0.8	J	F	#	0.1	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	5.8		F	#	0.1	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	3.3		F	#	0.1	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	1.0	U	F	#	0.1	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	0.5	J	F	#	0.1	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	1.0	U	QF	#	0.1	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	1.8		F	#	0.1	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	0.4	J	F	#	0.1	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	0.6	J	QF	#	0.1	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	6.7		QF	#	0.1	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	4.1		F	#	0.1	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	0.9	J	QF	#	0.1	-
	mg/L	0604	WL, PZ	09/28/2006	N001	7.80 - 7.80	3.0		QF	#	0.1	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	0.2	J	QF	#	0.1	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	1.3		QF	#	0.1	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	1.2		F	#	0.1	-
	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	1.8		F	#	0.1	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	8.5		F	#	0.1	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Manganese (II)	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	3.9		QF	#	0.1	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	2.8		QF	#	0.1	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	0.3	J	QF	#	0.1	-
	mg/L	0695	WL, PZ	09/25/2006	N001	9.80 - 9.80	0.3	J	QF	#	0.1	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	4.3		QF	#	0.1	-
Methane	ug/L	0403	WL	09/26/2006	N001	18.00 - 18.00	74.000		F	#	0.014	-
	ug/L	0403	WL	09/28/2006	N001	18.00 - 18.00	3.100		F	#	0.014	-
	ug/L	0407	WL	09/26/2006	N001	17.00 - 17.00	70.000		F	#	0.014	-
	ug/L	0483	WL	09/25/2006	N001	18.00 - 18.00	31.000		F	#	0.014	-
	ug/L	0488	WL	09/28/2006	N001	26.00 - 26.00	2.500		F	#	0.014	-
	ug/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	0.830		F	#	0.014	-
	ug/L	0559	WL	09/25/2006	N001	19.00 - 19.00	81.000		F	#	0.014	-
	ug/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	300.000		F	#	0.014	-
	ug/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	84.000		QF	#	0.014	-
	ug/L	0588	WL	09/27/2006	N001	26.00 - 26.00	11.000		F	#	0.014	-
	ug/L	0589	WL	09/27/2006	N001	44.00 - 44.00	3.600		F	#	0.014	-
	ug/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	5.000		QF	#	0.014	-
	ug/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	2.500		QF	#	0.014	-
	ug/L	0602	WL	09/27/2006	N001	16.00 - 16.00	9.400		F	#	0.014	-
	ug/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	1.900		QF	#	0.014	-
	ug/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	1.900		QF	#	0.014	-
	ug/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	14.000		QF	#	0.014	-
	ug/L	0686	WL	09/28/2006	N001	18.00 - 18.00	0.750		F	#	0.014	-
	ug/L	0686	WL	09/28/2006	N003	18.00 - 18.00	0.710		F	#	0.014	-
	ug/L	0687	WL	09/28/2006	N001	28.00 - 28.00	1.800		F	#	0.014	-
	ug/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	6.400		QF	#	0.014	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Methane	ug/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	0.920		QF	#	0.014	-
	ug/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	84.000		QF	#	0.014	-
	ug/L	0695	WL, PZ	09/25/2006	N001	9.80 - 9.80	1.600		QF	#	0.014	-
	ug/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	2.100		QF	#	0.014	-
Nitrate + Nitrite as Nitrogen	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	3.430		FJ	#	0.0124	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	109.000		FJ	#	1.24	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.0031	U	FJ	#	0.0031	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	52.700		FJ	#	0.247	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	5.730		FJ	#	0.0494	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	38.300		FJ	#	0.494	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	19.500		QFJ	#	0.0618	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.836		FJ	#	0.0031	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.0031	U	QFJ	#	0.0031	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.0031	U	QFJ	#	0.0031	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	17.500		FJ	#	0.0618	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	38.700		FJ	#	0.124	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	54.300		QFJ	#	0.247	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	82.400		QFJ	#	0.989	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	68.900		FJ	#	0.247	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	82.700		QFJ	#	0.494	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.346		QFJ	#	0.0031	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.0631		QFJ	#	0.0031	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	82.700		FJ	#	1.24	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	75.700		FJ	#	1.24	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	115.000		FJ	#	2.47	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	72.700		QFJ	#	0.494	-

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate + Nitrite as Nitrogen	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	87.100		QFJ	#	1.24	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	4.220		QFJ	#	0.0247	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	116.000		QFJ	#	1.24	-
Nitrogen, Total	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	20.00		F	#	0.1	-
	mg/L	0403	WL	09/28/2006	N001	18.00 - 18.00	14.00		F	#	0.1	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	16.00		F	#	0.1	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	19.00		F	#	0.1	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	17.00		F	#	0.1	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	13.00		F	#	0.1	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	15.00		F	#	0.1	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	19.00		F	#	0.1	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	15.00		QF	#	0.1	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	17.00		F	#	0.1	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	14.00		F	#	0.1	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	17.00		QF	#	0.1	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	18.00		QF	#	0.1	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	18.00		F	#	0.1	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	16.00		QF	#	0.1	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	15.00		QF	#	0.1	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	17.00		QF	#	0.1	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	12.00		F	#	0.1	-
	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	12.00		F	#	0.1	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	14.00		F	#	0.1	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	16.00		QF	#	0.1	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	9.00		QF	#	0.1	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	12.00		QF	#	0.1	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrogen, Total	mg/L	0695	WL, PZ	09/25/2006	N001	9.80 - 9.80	15.00		QF	#	0.1	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	15.00		QF	#	0.1	-
Oxidation Reduction Potent	mV	0216	SL, RIV	09/14/2006	N001	0.00 - 0.00	203			#	-	-
	mV	0236	SL, RIV	09/13/2006	N001	0.00 - 0.00	63			#	-	-
	mV	0239	SL, RIV	09/13/2006	N001	0.00 - 0.00	67			#	-	-
	mV	0240	SL, RIV	09/12/2006	N001	0.00 - 0.00	115			#	-	-
	mV	0243	SL	09/13/2006	N001	0.00 - 0.00	69			#	-	-
	mV	0245	SL, RIV	09/14/2006	N001	0.00 - 0.00	151			#	-	-
	mV	0258	SL, RIV	09/12/2006	N001	0.00 - 0.00	114			#	-	-
	mV	0259	SL, RIV	09/12/2006	N001	0.00 - 0.00	114			#	-	-
	mV	0402	WL	09/18/2006	N001	17.00 - 17.00	184		F	#	-	-
	mV	0403	WL	09/26/2006	N001	18.00 - 18.00	92.0		F	#	-	-
	mV	0404	WL	09/06/2006	N001	18.00 - 18.00	112		F	#	-	-
	mV	0405	WL	09/28/2006	N001	18.00 - 18.00	208.9		F	#	-	-
	mV	0407	WL	09/26/2006	N001	17.00 - 17.00	-6.6		F	#	-	-
	mV	0408	WL	09/07/2006	N001	26.00 - 26.00	204		F	#	-	-
	mV	0470	WL, EXT	09/12/2006	N001	18.00 - 18.00	214			#	-	-
	mV	0471	WL, EXT	09/12/2006	N001	18.00 - 18.00	208			#	-	-
	mV	0472	WL, EXT	09/12/2006	N001	18.00 - 18.00	189			#	-	-
	mV	0473	WL, EXT	09/12/2006	N001	18.00 - 18.00	187			#	-	-
	mV	0474	WL, EXT	09/12/2006	N001	18.00 - 18.00	187			#	-	-
	mV	0475	WL, EXT	09/12/2006	N001	18.00 - 18.00	185			#	-	-
	mV	0476	WL, EXT	09/12/2006	N001	18.00 - 18.00	213			#	-	-
	mV	0477	WL, EXT	09/12/2006	N001	18.00 - 18.00	214			#	-	-
	mV	0478	WL, EXT	09/12/2006	N001	23.00 - 23.00	1.94			#	-	-
	mV	0479	WL, EXT	09/12/2006	N001	23.00 - 23.00	204			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0480	WL	09/05/2006	N001	18.00 - 18.00	166		F	#	-	-
	mV	0480	WL	09/25/2006	N001	18.00 - 18.00	198.8		F	#	-	-
	mV	0481	WL	09/05/2006	N001	28.00 - 28.00	157		F	#	-	-
	mV	0482	WL	09/05/2006	N001	58.00 - 58.00	120		F	#	-	-
	mV	0483	WL	09/25/2006	N001	18.00 - 18.00	137.6		F	#	-	-
	mV	0484	WL	09/05/2006	N001	31.00 - 31.00	127		F	#	-	-
	mV	0485	WL	09/05/2006	N001	58.00 - 58.00	156		F	#	-	-
	mV	0488	WL	09/18/2006	N001	39.00 - 39.00	238		F	#	-	-
	mV	0488	WL	09/28/2006	N001	26.00 - 26.00	181		F	#	-	-
	mV	0493	WL	09/18/2006	N001	54.00 - 54.00	186		F	#	-	-
	mV	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	32		QF	#	-	-
	mV	0497	WL, PZ	09/13/2006	N001	6.99 - 6.99	78		QF	#	-	-
	mV	0547	TS, INFL	09/20/2006	N001	0.00 - 0.00	254			#	-	-
	mV	0548	TS, EPND	09/20/2006	N001	0.00 - 0.00	226			#	-	-
	mV	0557	WL	09/05/2006	N001	40.00 - 40.00	103		F	#	-	-
	mV	0558	WL	09/05/2006	N001	36.00 - 36.00	206		F	#	-	-
	mV	0559	WL	09/25/2006	N001	19.00 - 19.00	141.0		F	#	-	-
	mV	0560	WL	09/05/2006	N001	31.00 - 31.00	202		F	#	-	-
	mV	0561	WL	09/05/2006	N001	50.00 - 50.00	227		F	#	-	-
	mV	0562	WL, PZ	09/11/2006	N001	1.80 - 1.80	-22		QF	#	-	-
	mV	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	-67		QF	#	-	-
	mV	0564	WL, PZ	09/11/2006	N001	1.70 - 1.70	8.7		QF	#	-	-
	mV	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	-203		QF	#	-	-
	mV	0570	WL, I&E	09/12/2006	N001	27.00 - 27.00	172			#	-	-
	mV	0571	WL, I&E	09/12/2006	N001	37.00 - 37.00	156			#	-	-
	mV	0572	WL, I&E	09/12/2006	N001	27.00 - 27.00	172			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0573	WL, I&E	09/12/2006	N001	37.00 - 37.00	218			#	-	-
	mV	0575	WL, I&E	09/12/2006	N001	37.00 - 37.00	260			#	-	-
	mV	0576	WL, I&E	09/12/2006	N001	27.00 - 27.00	160			#	-	-
	mV	0577	WL, I&E	09/12/2006	N001	37.00 - 37.00	178			#	-	-
	mV	0580	WL	09/18/2006	N001	18.00 - 18.00	191		F	#	-	-
	mV	0581	WL	09/18/2006	N001	18.00 - 18.00	183		F	#	-	-
	mV	0582	WL	09/18/2006	N001	18.00 - 18.00	164		F	#	-	-
	mV	0584	WL	09/18/2006	N001	18.00 - 18.00	157		F	#	-	-
	mV	0585	WL	09/07/2006	N001	18.00 - 18.00	188		F	#	-	-
	mV	0586	WL	09/07/2006	N001	18.00 - 18.00	215		F	#	-	-
	mV	0587	WL	09/18/2006	N001	18.00 - 18.00	167		F	#	-	-
	mV	0588	WL	09/07/2006	N001	34.00 - 34.00	181		F	#	-	-
	mV	0588	WL	09/27/2006	N001	26.00 - 26.00	194		F	#	-	-
	mV	0589	WL	09/18/2006	N001	52.00 - 52.00	141		F	#	-	-
	mV	0589	WL	09/27/2006	N001	44.00 - 44.00	220		F	#	-	-
	mV	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	41		QF	#	-	-
	mV	0596	WL	09/05/2006	N001	24.00 - 24.00	158		F	#	-	-
	mV	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	-191		QF	#	-	-
	mV	0598	WL, PZ	09/13/2006	N001	9.60 - 9.60	-194		QF	#	-	-
	mV	0599	WL, PZ	09/14/2006	N001	9.90 - 9.90	-203		QF	#	-	-
	mV	0600	WL	09/18/2006	N001	27.00 - 27.00	225		F	#	-	-
	mV	0601	WL	09/07/2006	N001	27.00 - 27.00	197		F	#	-	-
	mV	0602	WL	09/27/2006	N001	16.00 - 16.00	200.1		F	#	-	-
	mV	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	84		QF	#	-	-
	mV	0605	WL, PZ	09/11/2006	N001	9.90 - 9.90	-75		QF	#	-	-
	mV	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	-105		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	-1		QF	#	-	-
	mV	0608	WL, PZ	09/11/2006	N001	9.40 - 9.40	-95		QF	#	-	-
	mV	0611	WL, PZ	09/11/2006	N001	2.70 - 2.70	-71		QF	#	-	-
	mV	0612	WL, PZ	09/11/2006	N001	4.80 - 4.80	-138.5		QF	#	-	-
	mV	0615	WL, PZ	09/11/2006	N001	1.90 - 1.90	-57		QF	#	-	-
	mV	0616	WL, PZ	09/14/2006	N001	5.80 - 5.80	-191		QF	#	-	-
	mV	0617	WL, PZ	09/14/2006	N001	2.20 - 2.20	-4		QF	#	-	-
	mV	0618	WL, PZ	09/13/2006	N001	5.80 - 5.80	-145		QF	#	-	-
	mV	0670	WL, I&E	09/13/2006	N001	40.00 - 40.00	260			#	-	-
	mV	0671	WL, I&E	09/13/2006	N001	40.00 - 40.00	233			#	-	-
	mV	0672	WL, I&E	09/13/2006	N001	40.00 - 40.00	240			#	-	-
	mV	0673	WL, I&E	09/13/2006	N001	40.00 - 40.00	225			#	-	-
	mV	0674	WL, I&E	09/13/2006	N001	40.00 - 40.00	214			#	-	-
	mV	0675	WL, I&E	09/13/2006	N001	40.00 - 40.00	209			#	-	-
	mV	0676	WL, I&E	09/13/2006	N001	40.00 - 40.00	203			#	-	-
	mV	0677	WL, I&E	09/13/2006	N001	40.00 - 40.00	210			#	-	-
	mV	0678	WL, I&E	09/13/2006	N001	40.00 - 40.00	193			#	-	-
	mV	0679	WL, I&E	09/13/2006	N001	40.00 - 40.00	178			#	-	-
	mV	0682	WL	09/06/2006	N001	28.00 - 28.00	171		F	#	-	-
	mV	0683	WL	09/06/2006	N001	27.00 - 27.00	199		F	#	-	-
	mV	0686	WL	09/28/2006	N001	18.00 - 18.00	178		F	#	-	-
	mV	0687	WL	09/28/2006	N001	28.00 - 28.00	212.6		F	#	-	-
	mV	0688	WL	09/06/2006	N001	39.00 - 39.00	104		F	#	-	-
	mV	0688	WL	09/06/2006	N001	31.00 - 31.00	120		F	#	-	-
	mV	0689	WL	09/06/2006	N001	46.00 - 46.00	183		F	#	-	-
	mV	0689	WL	09/06/2006	N001	54.00 - 54.00	78		F	#	-	-

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	155		QF	#	-	-
	mV	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	140		QF	#	-	-
	mV	0693	WL, PZ	09/11/2006	N001	2.00 - 2.00	29.5		QF	#	-	-
	mV	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	-83		QF	#	-	-
	mV	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	-205		QF	#	-	-
	mV	0696	WL, PZ	09/14/2006	N001	1.80 - 1.80	85.7		QF	#	-	-
	mV	0697	WL, PZ	09/14/2006	N001	4.80 - 4.80	-109		QF	#	-	-
	mV	0698	WL, PZ	09/11/2006	N001	11.02 - 11.02	-103		F	#	-	-
	mV	0770	WL, I&E	09/14/2006	N001	30.00 - 30.00	225			#	-	-
	mV	0772	WL, I&E	09/14/2006	N001	30.00 - 30.00	219			#	-	-
	mV	0774	WL, I&E	09/14/2006	N001	30.00 - 30.00	191			#	-	-
	mV	0776	WL, I&E	09/14/2006	N001	30.00 - 30.00	171			#	-	-
	mV	0778	WL, I&E	09/14/2006	N001	30.00 - 30.00	163			#	-	-
	mV	0782	WL	09/20/2006	N001	33.00 - 33.00	179		F	#	-	-
	mV	0790	WL, PZ	09/15/2006	N001	0.00 - 0.00	-242		QF	#	-	-
	mV	0791	WL, PZ	09/15/2006	N001	0.00 - 0.00	-260		QF	#	-	-
	mV	0792	WL, PZ	09/15/2006	N001	0.00 - 0.00	-161		QF	#	-	-
	mV	0793	WL, PZ	09/15/2006	N001	0.00 - 0.00	-226		QF	#	-	-
	mV	SMI-PW01	WL	09/15/2006	N001	40.00 - 40.00	99		F	#	-	-
	mV	SMI-PW02	WL	09/20/2006	N001	55.00 - 55.00	258			#	-	-
	mV	SMI-PZ1D2	WL	09/15/2006	N001	73.00 - 73.00	120		F	#	-	-
	mV	SMI-PZ1M	WL	09/15/2006	N001	57.00 - 57.00	112		F	#	-	-
	mV	SMI-PZ1S	WL	09/15/2006	N001	18.00 - 18.00	102		F	#	-	-
pH	s.u.	0216	SL, RIV	09/14/2006	N001	0.00 - 0.00	8.21			#	-	-
	s.u.	0236	SL, RIV	09/13/2006	N001	0.00 - 0.00	8.66			#	-	-
	s.u.	0239	SL, RIV	09/13/2006	N001	0.00 - 0.00	8.20			#	-	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0240	SL, RIV	09/12/2006	N001	0.00 - 0.00	8.37			#	-	-
	s.u.	0243	SL	09/13/2006	N001	0.00 - 0.00	8.19			#	-	-
	s.u.	0245	SL, RIV	09/14/2006	N001	0.00 - 0.00	8.28			#	-	-
	s.u.	0258	SL, RIV	09/12/2006	N001	0.00 - 0.00	8.15			#	-	-
	s.u.	0259	SL, RIV	09/12/2006	N001	0.00 - 0.00	8.12			#	-	-
	s.u.	0402	WL	09/18/2006	N001	17.00 - 17.00	6.96		F	#	-	-
	s.u.	0403	WL	09/26/2006	N001	18.00 - 18.00	7.60		F	#	-	-
	s.u.	0404	WL	09/06/2006	N001	18.00 - 18.00	6.72		F	#	-	-
	s.u.	0405	WL	09/28/2006	N001	18.00 - 18.00	6.70		F	#	-	-
	s.u.	0407	WL	09/26/2006	N001	17.00 - 17.00	7.23		F	#	-	-
	s.u.	0408	WL	09/07/2006	N001	26.00 - 26.00	6.77		F	#	-	-
	s.u.	0470	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.81			#	-	-
	s.u.	0471	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.91			#	-	-
	s.u.	0472	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.92			#	-	-
	s.u.	0473	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.94			#	-	-
	s.u.	0474	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.88			#	-	-
	s.u.	0475	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.88			#	-	-
	s.u.	0476	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.78			#	-	-
	s.u.	0477	WL, EXT	09/12/2006	N001	18.00 - 18.00	6.78			#	-	-
	s.u.	0478	WL, EXT	09/12/2006	N001	23.00 - 23.00	6.80			#	-	-
	s.u.	0479	WL, EXT	09/12/2006	N001	23.00 - 23.00	6.86			#	-	-
	s.u.	0480	WL	09/05/2006	N001	18.00 - 18.00	6.76		F	#	-	-
	s.u.	0480	WL	09/25/2006	N001	18.00 - 18.00	6.64		F	#	-	-
	s.u.	0481	WL	09/05/2006	N001	28.00 - 28.00	6.65		F	#	-	-
	s.u.	0482	WL	09/05/2006	N001	58.00 - 58.00	6.66		F	#	-	-
	s.u.	0483	WL	09/25/2006	N001	18.00 - 18.00	7.42		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0484	WL	09/05/2006	N001	31.00 - 31.00	6.69		F	#	-	-
	s.u.	0485	WL	09/05/2006	N001	58.00 - 58.00	6.56		F	#	-	-
	s.u.	0488	WL	09/18/2006	N001	39.00 - 39.00	6.91		F	#	-	-
	s.u.	0488	WL	09/28/2006	N001	26.00 - 26.00	6.86		F	#	-	-
	s.u.	0493	WL	09/18/2006	N001	54.00 - 54.00	6.80		F	#	-	-
	s.u.	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	7.43		QF	#	-	-
	s.u.	0497	WL, PZ	09/13/2006	N001	6.99 - 6.99	7.20		QF	#	-	-
	s.u.	0547	TS, INFL	09/20/2006	N001	0.00 - 0.00	6.98			#	-	-
	s.u.	0548	TS, EPND	09/20/2006	N001	0.00 - 0.00	7.81			#	-	-
	s.u.	0557	WL	09/05/2006	N001	40.00 - 40.00	6.56		F	#	-	-
	s.u.	0558	WL	09/05/2006	N001	36.00 - 36.00	6.55		F	#	-	-
	s.u.	0559	WL	09/25/2006	N001	19.00 - 19.00	7.72		F	#	-	-
	s.u.	0560	WL	09/05/2006	N001	31.00 - 31.00	6.67		F	#	-	-
	s.u.	0561	WL	09/05/2006	N001	50.00 - 50.00	6.46		F	#	-	-
	s.u.	0562	WL, PZ	09/11/2006	N001	1.80 - 1.80	7.49		QF	#	-	-
	s.u.	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	8.23		QF	#	-	-
	s.u.	0564	WL, PZ	09/11/2006	N001	1.70 - 1.70	8.24		QF	#	-	-
	s.u.	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	10.23		QF	#	-	-
	s.u.	0570	WL, I&E	09/12/2006	N001	27.00 - 27.00	6.80			#	-	-
	s.u.	0571	WL, I&E	09/12/2006	N001	37.00 - 37.00	6.77			#	-	-
	s.u.	0572	WL, I&E	09/12/2006	N001	27.00 - 27.00	6.91			#	-	-
	s.u.	0573	WL, I&E	09/12/2006	N001	37.00 - 37.00	6.72			#	-	-
	s.u.	0575	WL, I&E	09/12/2006	N001	37.00 - 37.00	6.90			#	-	-
	s.u.	0576	WL, I&E	09/12/2006	N001	27.00 - 27.00	6.80			#	-	-
	s.u.	0577	WL, I&E	09/12/2006	N001	37.00 - 37.00	6.70			#	-	-
	s.u.	0580	WL	09/18/2006	N001	18.00 - 18.00	6.79		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0581	WL	09/18/2006	N001	18.00 - 18.00	6.93		F	#	-	-
	s.u.	0582	WL	09/18/2006	N001	18.00 - 18.00	6.96		F	#	-	-
	s.u.	0584	WL	09/18/2006	N001	18.00 - 18.00	7.11		F	#	-	-
	s.u.	0585	WL	09/07/2006	N001	18.00 - 18.00	6.77		F	#	-	-
	s.u.	0586	WL	09/07/2006	N001	18.00 - 18.00	6.75		F	#	-	-
	s.u.	0587	WL	09/18/2006	N001	18.00 - 18.00	6.91		F	#	-	-
	s.u.	0588	WL	09/07/2006	N001	34.00 - 34.00	6.74		F	#	-	-
	s.u.	0588	WL	09/27/2006	N001	26.00 - 26.00	7.31		F	#	-	-
	s.u.	0589	WL	09/18/2006	N001	52.00 - 52.00	6.73		F	#	-	-
	s.u.	0589	WL	09/27/2006	N001	44.00 - 44.00	6.78		F	#	-	-
	s.u.	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	8.66		QF	#	-	-
	s.u.	0596	WL	09/05/2006	N001	24.00 - 24.00	7.71		F	#	-	-
	s.u.	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	8.89		QF	#	-	-
	s.u.	0598	WL, PZ	09/13/2006	N001	9.60 - 9.60	6.98		QF	#	-	-
	s.u.	0599	WL, PZ	09/14/2006	N001	9.90 - 9.90	7.41		QF	#	-	-
	s.u.	0600	WL	09/18/2006	N001	27.00 - 27.00	6.87		F	#	-	-
	s.u.	0601	WL	09/07/2006	N001	27.00 - 27.00	6.80		F	#	-	-
	s.u.	0602	WL	09/27/2006	N001	16.00 - 16.00	7.03		F	#	-	-
	s.u.	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	8.62		QF	#	-	-
	s.u.	0605	WL, PZ	09/11/2006	N001	9.90 - 9.90	8.33		QF	#	-	-
	s.u.	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	9.64		QF	#	-	-
	s.u.	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	9.00		QF	#	-	-
	s.u.	0608	WL, PZ	09/11/2006	N001	9.40 - 9.40	8.53		QF	#	-	-
	s.u.	0611	WL, PZ	09/11/2006	N001	2.70 - 2.70	7.43		QF	#	-	-
	s.u.	0612	WL, PZ	09/11/2006	N001	4.80 - 4.80	7.51		QF	#	-	-
	s.u.	0615	WL, PZ	09/11/2006	N001	1.90 - 1.90	7.51		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0616	WL, PZ	09/14/2006	N001	5.80 - 5.80	9.40		QF	#	-	-
	s.u.	0617	WL, PZ	09/14/2006	N001	2.20 - 2.20	7.10		QF	#	-	-
	s.u.	0618	WL, PZ	09/13/2006	N001	5.80 - 5.80	7.26		QF	#	-	-
	s.u.	0670	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.75			#	-	-
	s.u.	0671	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.70			#	-	-
	s.u.	0672	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.70			#	-	-
	s.u.	0673	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.72			#	-	-
	s.u.	0674	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.75			#	-	-
	s.u.	0675	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.76			#	-	-
	s.u.	0676	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.79			#	-	-
	s.u.	0677	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.83			#	-	-
	s.u.	0678	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.85			#	-	-
	s.u.	0679	WL, I&E	09/13/2006	N001	40.00 - 40.00	6.82			#	-	-
	s.u.	0682	WL	09/06/2006	N001	28.00 - 28.00	6.75		F	#	-	-
	s.u.	0683	WL	09/06/2006	N001	27.00 - 27.00	6.75		F	#	-	-
	s.u.	0686	WL	09/28/2006	N001	18.00 - 18.00	6.64		F	#	-	-
	s.u.	0687	WL	09/28/2006	N001	28.00 - 28.00	6.74		F	#	-	-
	s.u.	0688	WL	09/06/2006	N001	31.00 - 31.00	6.68		F	#	-	-
	s.u.	0688	WL	09/06/2006	N001	39.00 - 39.00	6.71		F	#	-	-
	s.u.	0689	WL	09/06/2006	N001	46.00 - 46.00	6.53		F	#	-	-
	s.u.	0689	WL	09/06/2006	N001	54.00 - 54.00	6.60		F	#	-	-
	s.u.	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	8.47		QF	#	-	-
	s.u.	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	8.06		QF	#	-	-
	s.u.	0693	WL, PZ	09/11/2006	N001	2.00 - 2.00	7.36		QF	#	-	-
	s.u.	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	8.92		QF	#	-	-
	s.u.	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	8.05		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0696	WL, PZ	09/14/2006	N001	1.80 - 1.80	8.08		QF	#	-	-
	s.u.	0697	WL, PZ	09/14/2006	N001	4.80 - 4.80	8.83		QF	#	-	-
	s.u.	0698	WL, PZ	09/11/2006	N001	11.02 - 11.02	8.14		F	#	-	-
	s.u.	0770	WL, I&E	09/14/2006	N001	30.00 - 30.00	6.83			#	-	-
	s.u.	0772	WL, I&E	09/14/2006	N001	30.00 - 30.00	6.78			#	-	-
	s.u.	0774	WL, I&E	09/14/2006	N001	30.00 - 30.00	6.85			#	-	-
	s.u.	0776	WL, I&E	09/14/2006	N001	30.00 - 30.00	6.81			#	-	-
	s.u.	0778	WL, I&E	09/14/2006	N001	30.00 - 30.00	6.91			#	-	-
	s.u.	0782	WL	09/20/2006	N001	33.00 - 33.00	6.81		F	#	-	-
	s.u.	0790	WL, PZ	09/15/2006	N001	0.00 - 0.00	8.20		QF	#	-	-
	s.u.	0791	WL, PZ	09/15/2006	N001	0.00 - 0.00	7.12		QF	#	-	-
	s.u.	0792	WL, PZ	09/15/2006	N001	0.00 - 0.00	7.56		QF	#	-	-
	s.u.	0793	WL, PZ	09/15/2006	N001	0.00 - 0.00	7.58		QF	#	-	-
	s.u.	SMI-PW01	WL	09/15/2006	N001	40.00 - 40.00	6.83		F	#	-	-
	s.u.	SMI-PW02	WL	09/20/2006	N001	55.00 - 55.00	6.64			#	-	-
	s.u.	SMI-PZ1D2	WL	09/15/2006	N001	73.00 - 73.00	6.63		F	#	-	-
	s.u.	SMI-PZ1M	WL	09/15/2006	N001	57.00 - 57.00	6.80		F	#	-	-
	s.u.	SMI-PZ1S	WL	09/15/2006	N001	18.00 - 18.00	6.78		F	#	-	-
Phosphorus	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.0455	B	F	#	0.0101	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.0386	B	F	#	0.0101	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.0673		F	#	0.0101	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	0.0262	B	F	#	0.0101	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.0101	U	F	#	0.0101	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	0.0101	U	F	#	0.0101	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	0.0101	U	QF	#	0.0101	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.0522		F	#	0.0101	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Phosphorus	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.0101	U	QF	#	0.0101	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.0214	B	QF	#	0.0101	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.0101	U	F	#	0.0101	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.0101	U	F	#	0.0101	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.0600		QF	#	0.0101	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.0101	U	QF	#	0.0101	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.0101	U	F	#	0.0101	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.0286	B	QF	#	0.0101	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.123		QF	#	0.0101	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.125		QF	#	0.0101	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	0.0101	U	F	#	0.0101	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	0.0101	U	F	#	0.0101	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.308		F	#	0.0101	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.0312	B	QF	#	0.0101	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	0.0101	U	QF	#	0.0101	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.0101	U	QF	#	0.0101	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.0101	U	QF	#	0.0101	-
Radon-222	pCi/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	272			#	50	± 48.6
	pCi/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	65.7			#	50.7	± 33.0
Selenium	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.0027	B	FJ	#	0.001	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.0271	N	FJ	#	0.001	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.0010	U	FJ	#	0.001	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	0.0010	U	FJ	#	0.001	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.0024	B	FJ	#	0.001	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	0.0117	N	FJ	#	0.001	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	0.0285	N	QFJ	#	0.001	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.0019	B	FJ	#	0.001	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.0015	B	QFJ	#	0.001	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.0010	U	QFJ	#	0.001	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.0053		FJ	#	0.001	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.0200	U	FJ	#	0.02	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.0128		QFJ	#	0.001	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.0262	N	QFJ	#	0.001	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.0061		FJ	#	0.001	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.0153		QFJ	#	0.001	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.0163		QFJ	#	0.001	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.0030	B	QFJ	#	0.001	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	0.0179	N	FJ	#	0.001	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	0.0168	N	FJ	#	0.001	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.0087	N	FJ	#	0.001	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.0089	N	QFJ	#	0.001	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	0.0076	N	QFJ	#	0.001	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.0100		QFJ	#	0.001	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.0134		QFJ	#	0.001	-
Specific Conductance	umhos/cm	0216	SL, RIV	09/14/2006	N001	0.00 - 0.00	1033			#	-	-
	umhos/cm	0236	SL, RIV	09/13/2006	N001	0.00 - 0.00	1011			#	-	-
	umhos/cm	0239	SL, RIV	09/13/2006	N001	0.00 - 0.00	1121			#	-	-
	umhos/cm	0240	SL, RIV	09/12/2006	N001	0.00 - 0.00	1015			#	-	-
	umhos/cm	0243	SL	09/13/2006	N001	0.00 - 0.00	1083			#	-	-
	umhos/cm	0245	SL, RIV	09/14/2006	N001	0.00 - 0.00	1032			#	-	-
	umhos/cm	0258	SL, RIV	09/12/2006	N001	0.00 - 0.00	1121			#	-	-
	umhos/cm	0259	SL, RIV	09/12/2006	N001	0.00 - 0.00	1046			#	-	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0402	WL	09/18/2006	N001	17.00 - 17.00	9489		F	#	-	-
	umhos/cm	0403	WL	09/26/2006	N001	18.00 - 18.00	3111		F	#	-	-
	umhos/cm	0404	WL	09/06/2006	N001	18.00 - 18.00	19400		F	#	-	-
	umhos/cm	0405	WL	09/28/2006	N001	18.00 - 18.00	18940		F	#	-	-
	umhos/cm	0407	WL	09/26/2006	N001	17.00 - 17.00	1384		F	#	-	-
	umhos/cm	0408	WL	09/07/2006	N001	26.00 - 26.00	17590		F	#	-	-
	umhos/cm	0470	WL, EXT	09/12/2006	N001	18.00 - 18.00	14870			#	-	-
	umhos/cm	0471	WL, EXT	09/12/2006	N001	18.00 - 18.00	14280			#	-	-
	umhos/cm	0472	WL, EXT	09/12/2006	N001	18.00 - 18.00	9094			#	-	-
	umhos/cm	0473	WL, EXT	09/12/2006	N001	18.00 - 18.00	6964			#	-	-
	umhos/cm	0474	WL, EXT	09/12/2006	N001	18.00 - 18.00	7846			#	-	-
	umhos/cm	0475	WL, EXT	09/12/2006	N001	18.00 - 18.00	8528			#	-	-
	umhos/cm	0476	WL, EXT	09/12/2006	N001	18.00 - 18.00	9159			#	-	-
	umhos/cm	0477	WL, EXT	09/12/2006	N001	18.00 - 18.00	11150			#	-	-
	umhos/cm	0478	WL, EXT	09/12/2006	N001	23.00 - 23.00	18500			#	-	-
	umhos/cm	0479	WL, EXT	09/12/2006	N001	23.00 - 23.00	12950			#	-	-
	umhos/cm	0480	WL	09/05/2006	N001	18.00 - 18.00	18010		F	#	-	-
	umhos/cm	0480	WL	09/25/2006	N001	18.00 - 18.00	23500		F	#	-	-
	umhos/cm	0481	WL	09/05/2006	N001	28.00 - 28.00	41740		F	#	-	-
	umhos/cm	0482	WL	09/05/2006	N001	58.00 - 58.00	110400		F	#	-	-
	umhos/cm	0483	WL	09/25/2006	N001	18.00 - 18.00	8027		F	#	-	-
	umhos/cm	0484	WL	09/05/2006	N001	31.00 - 31.00	41300		F	#	-	-
	umhos/cm	0485	WL	09/05/2006	N001	58.00 - 58.00	110600		F	#	-	-
	umhos/cm	0488	WL	09/18/2006	N001	39.00 - 39.00	22210		F	#	-	-
	umhos/cm	0488	WL	09/28/2006	N001	26.00 - 26.00	18940		F	#	-	-
	umhos/cm	0493	WL	09/18/2006	N001	54.00 - 54.00	37650		F	#	-	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	21980		QF	#	-	-
	umhos/cm	0497	WL, PZ	09/13/2006	N001	6.99 - 6.99	18350		QF	#	-	-
	umhos/cm	0547	TS, INFL	09/20/2006	N001	0.00 - 0.00	34570			#	-	-
	umhos/cm	0548	TS, EPND	09/20/2006	N001	0.00 - 0.00	37550			#	-	-
	umhos/cm	0557	WL	09/05/2006	N001	40.00 - 40.00	71680		F	#	-	-
	umhos/cm	0558	WL	09/05/2006	N001	36.00 - 36.00	77810		F	#	-	-
	umhos/cm	0559	WL	09/25/2006	N001	19.00 - 19.00	3272		F	#	-	-
	umhos/cm	0560	WL	09/05/2006	N001	31.00 - 31.00	57320		F	#	-	-
	umhos/cm	0561	WL	09/05/2006	N001	50.00 - 50.00	98050		F	#	-	-
	umhos/cm	0562	WL, PZ	09/11/2006	N001	1.80 - 1.80	1040		QF	#	-	-
	umhos/cm	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	1405		QF	#	-	-
	umhos/cm	0564	WL, PZ	09/11/2006	N001	1.70 - 1.70	1013		QF	#	-	-
	umhos/cm	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	715		QF	#	-	-
	umhos/cm	0570	WL, I&E	09/12/2006	N001	27.00 - 27.00	33800			#	-	-
	umhos/cm	0571	WL, I&E	09/12/2006	N001	37.00 - 37.00	31120			#	-	-
	umhos/cm	0572	WL, I&E	09/12/2006	N001	27.00 - 27.00	27360			#	-	-
	umhos/cm	0573	WL, I&E	09/12/2006	N001	37.00 - 37.00	32240			#	-	-
	umhos/cm	0575	WL, I&E	09/12/2006	N001	37.00 - 37.00	67680			#	-	-
	umhos/cm	0576	WL, I&E	09/12/2006	N001	27.00 - 27.00	29110			#	-	-
	umhos/cm	0577	WL, I&E	09/12/2006	N001	37.00 - 37.00	57090			#	-	-
	umhos/cm	0580	WL	09/18/2006	N001	18.00 - 18.00	10090		F	#	-	-
	umhos/cm	0581	WL	09/18/2006	N001	18.00 - 18.00	14140		F	#	-	-
	umhos/cm	0582	WL	09/18/2006	N001	18.00 - 18.00	8665		F	#	-	-
	umhos/cm	0584	WL	09/18/2006	N001	18.00 - 18.00	8077		F	#	-	-
	umhos/cm	0585	WL	09/07/2006	N001	18.00 - 18.00	15340		F	#	-	-
	umhos/cm	0586	WL	09/07/2006	N001	18.00 - 18.00	16910		F	#	-	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0587	WL	09/18/2006	N001	18.00 - 18.00	9623		F	#	-	-
	umhos/cm	0588	WL	09/07/2006	N001	34.00 - 34.00	50870		F	#	-	-
	umhos/cm	0588	WL	09/27/2006	N001	26.00 - 26.00	7926		F	#	-	-
	umhos/cm	0589	WL	09/18/2006	N001	52.00 - 52.00	106000		F	#	-	-
	umhos/cm	0589	WL	09/27/2006	N001	44.00 - 44.00	97020		F	#	-	-
	umhos/cm	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	8497		QF	#	-	-
	umhos/cm	0596	WL	09/05/2006	N001	24.00 - 24.00	5782		F	#	-	-
	umhos/cm	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	17730		QF	#	-	-
	umhos/cm	0598	WL, PZ	09/13/2006	N001	9.60 - 9.60	18430		QF	#	-	-
	umhos/cm	0599	WL, PZ	09/14/2006	N001	9.90 - 9.90	18330		QF	#	-	-
	umhos/cm	0600	WL	09/18/2006	N001	27.00 - 27.00	23820		F	#	-	-
	umhos/cm	0601	WL	09/07/2006	N001	27.00 - 27.00	17190		F	#	-	-
	umhos/cm	0602	WL	09/27/2006	N001	16.00 - 16.00	8266		F	#	-	-
	umhos/cm	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	12810		QF	#	-	-
	umhos/cm	0605	WL, PZ	09/11/2006	N001	9.90 - 9.90	2402		QF	#	-	-
	umhos/cm	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	2336		QF	#	-	-
	umhos/cm	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	1495		QF	#	-	-
	umhos/cm	0608	WL, PZ	09/11/2006	N001	9.40 - 9.40	5158		QF	#	-	-
	umhos/cm	0611	WL, PZ	09/11/2006	N001	2.70 - 2.70	1033		QF	#	-	-
	umhos/cm	0612	WL, PZ	09/11/2006	N001	4.80 - 4.80	1075		QF	#	-	-
	umhos/cm	0615	WL, PZ	09/11/2006	N001	1.90 - 1.90	1085		QF	#	-	-
	umhos/cm	0616	WL, PZ	09/14/2006	N001	5.80 - 5.80	1144		QF	#	-	-
	umhos/cm	0617	WL, PZ	09/14/2006	N001	2.20 - 2.20	16320		QF	#	-	-
	umhos/cm	0618	WL, PZ	09/13/2006	N001	5.80 - 5.80	17910		QF	#	-	-
	umhos/cm	0670	WL, I&E	09/13/2006	N001	40.00 - 40.00	20770			#	-	-
	umhos/cm	0671	WL, I&E	09/13/2006	N001	40.00 - 40.00	27610			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0672	WL, I&E	09/13/2006	N001	40.00 - 40.00	38430			#	-	-
	umhos/cm	0673	WL, I&E	09/13/2006	N001	40.00 - 40.00	39020			#	-	-
	umhos/cm	0674	WL, I&E	09/13/2006	N001	40.00 - 40.00	34930			#	-	-
	umhos/cm	0675	WL, I&E	09/13/2006	N001	40.00 - 40.00	28640			#	-	-
	umhos/cm	0676	WL, I&E	09/13/2006	N001	40.00 - 40.00	22630			#	-	-
	umhos/cm	0677	WL, I&E	09/13/2006	N001	40.00 - 40.00	26650			#	-	-
	umhos/cm	0678	WL, I&E	09/13/2006	N001	40.00 - 40.00	23330			#	-	-
	umhos/cm	0679	WL, I&E	09/13/2006	N001	40.00 - 40.00	22260			#	-	-
	umhos/cm	0682	WL	09/06/2006	N001	28.00 - 28.00	20070		F	#	-	-
	umhos/cm	0683	WL	09/06/2006	N001	27.00 - 27.00	19070		F	#	-	-
	umhos/cm	0686	WL	09/28/2006	N001	18.00 - 18.00	10180		F	#	-	-
	umhos/cm	0687	WL	09/28/2006	N001	28.00 - 28.00	24550		F	#	-	-
	umhos/cm	0688	WL	09/06/2006	N001	31.00 - 31.00	33760		F	#	-	-
	umhos/cm	0688	WL	09/06/2006	N001	39.00 - 39.00	47920		F	#	-	-
	umhos/cm	0689	WL	09/06/2006	N001	54.00 - 54.00	111800		F	#	-	-
	umhos/cm	0689	WL	09/06/2006	N001	46.00 - 46.00	102200		F	#	-	-
	umhos/cm	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	6624		QF	#	-	-
	umhos/cm	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	16580		QF	#	-	-
	umhos/cm	0693	WL, PZ	09/11/2006	N001	2.00 - 2.00	4311		QF	#	-	-
	umhos/cm	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	5263		QF	#	-	-
	umhos/cm	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	22270		QF	#	-	-
	umhos/cm	0696	WL, PZ	09/14/2006	N001	1.80 - 1.80	1713		QF	#	-	-
	umhos/cm	0697	WL, PZ	09/14/2006	N001	4.80 - 4.80	2341		QF	#	-	-
	umhos/cm	0698	WL, PZ	09/11/2006	N001	11.02 - 11.02	2844		F	#	-	-
	umhos/cm	0770	WL, I&E	09/14/2006	N001	30.00 - 30.00	38690			#	-	-
	umhos/cm	0772	WL, I&E	09/14/2006	N001	30.00 - 30.00	38650			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0774	WL, I&E	09/14/2006	N001	30.00 - 30.00	44310			#	-	-
	umhos/cm	0776	WL, I&E	09/14/2006	N001	30.00 - 30.00	39820			#	-	-
	umhos/cm	0778	WL, I&E	09/14/2006	N001	30.00 - 30.00	35290			#	-	-
	umhos/cm	0782	WL	09/20/2006	N001	33.00 - 33.00	67150		F	#	-	-
	umhos/cm	0790	WL, PZ	09/15/2006	N001	0.00 - 0.00	2518		QF	#	-	-
	umhos/cm	0791	WL, PZ	09/15/2006	N001	0.00 - 0.00	24780		QF	#	-	-
	umhos/cm	0792	WL, PZ	09/15/2006	N001	0.00 - 0.00	29830		QF	#	-	-
	umhos/cm	0793	WL, PZ	09/15/2006	N001	0.00 - 0.00	1030		QF	#	-	-
	umhos/cm	SMI-PW01	WL	09/15/2006	N001	40.00 - 40.00	18990		F	#	-	-
	umhos/cm	SMI-PW02	WL	09/20/2006	N001	55.00 - 55.00	65110			#	-	-
	umhos/cm	SMI-PZ1D2	WL	09/15/2006	N001	73.00 - 73.00	106200		F	#	-	-
	umhos/cm	SMI-PZ1M	WL	09/15/2006	N001	57.00 - 57.00	38290		F	#	-	-
	umhos/cm	SMI-PZ1S	WL	09/15/2006	N001	18.00 - 18.00	20690		F	#	-	-
Sulfate	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	260			#	5	-
	mg/L	0216	SL, RIV	09/14/2006	0002	0.00 - 0.00	270			#	5	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	270			#	5	-
	mg/L	0236	SL, RIV	09/13/2006	0002	0.00 - 0.00	270			#	5	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	270			#	5	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	260			#	5	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	260			#	5	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	260			#	10	-
	mg/L	0245	SL, RIV	09/14/2006	0002	0.00 - 0.00	270			#	5	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	260			#	5	-
	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	260			#	5	-
	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	3700		F	#	50	-
	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	763		F	#	5	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	8900		F	#	100	-
	mg/L	0404	WL	09/06/2006	0002	18.00 - 18.00	8800		F	#	100	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	7910		F	#	50	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	309		F	#	2.5	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	8100		F	#	100	-
	mg/L	0470	WL, EXT	09/12/2006	0001	10.30 - 19.70	4500			#	100	-
	mg/L	0471	WL, EXT	09/12/2006	0001	10.30 - 19.70	4300			#	100	-
	mg/L	0472	WL, EXT	09/12/2006	0001	10.30 - 19.70	2700			#	50	-
	mg/L	0473	WL, EXT	09/12/2006	0001	10.30 - 19.70	2100			#	50	-
	mg/L	0474	WL, EXT	09/12/2006	0001	10.30 - 19.70	2400			#	50	-
	mg/L	0475	WL, EXT	09/12/2006	0001	10.30 - 19.70	2600			#	50	-
	mg/L	0476	WL, EXT	09/12/2006	0001	10.30 - 19.70	3400			#	50	-
	mg/L	0477	WL, EXT	09/12/2006	0001	10.30 - 19.70	4600			#	50	-
	mg/L	0478	WL, EXT	09/12/2006	0001	9.60 - 23.90	5500			#	100	-
	mg/L	0479	WL, EXT	09/12/2006	0001	9.30 - 23.60	5100			#	100	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	5900		F	#	100	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	8210		F	#	25	-
	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	9600		F	#	50	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	6400		F	#	50	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	1780		F	#	10	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	8700		F	#	1000	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	6400		F	#	50	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	11000		F	#	100	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	8590		F	#	50	-
	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	14000		F	#	250	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	9900		QF	#	50	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	7000			#	250	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	7400			#	250	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	9400		F	#	1000	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	10000		F	#	250	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	622		F	#	2.5	-
	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	9400		F	#	50	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	8100		F	#	50	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	260		QF	#	5	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	252		QF	#	1	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	230		QF	#	5	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	243		QF	#	2.5	-
	mg/L	0570	WL, I&E	09/12/2006	0001	15.00 - 30.00	6700			#	250	-
	mg/L	0571	WL, I&E	09/12/2006	0001	25.00 - 40.00	8500			#	250	-
	mg/L	0571	WL, I&E	09/12/2006	0002	25.00 - 40.00	8300			#	250	-
	mg/L	0572	WL, I&E	09/12/2006	0001	15.00 - 30.00	7200			#	250	-
	mg/L	0573	WL, I&E	09/12/2006	0001	25.00 - 40.00	8200			#	250	-
	mg/L	0575	WL, I&E	09/12/2006	0001	25.00 - 40.00	7300			#	250	-
	mg/L	0576	WL, I&E	09/12/2006	0001	15.00 - 30.00	8400			#	250	-
	mg/L	0577	WL, I&E	09/12/2006	0001	25.00 - 40.00	7800			#	250	-
	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	3500		F	#	50	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	5800		F	#	100	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	3400		F	#	50	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	3400		F	#	50	-
	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	6400		F	#	100	-
	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	770		F	#	10	-
	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	3800		F	#	50	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	6000		F	#	500	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	2610		F	#	25	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	7300		F	#	100	-
	mg/L	0589	WL	09/18/2006	0002	52.00 - 52.00	7400		F	#	50	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	9450		F	#	25	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	4580		QF	#	25	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	1300		F	#	50	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	9840		QF	#	25	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	8200		QF	#	100	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	8000		QF	#	100	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	8800		F	#	250	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	7800		F	#	100	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	3580		F	#	25	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	5280		QF	#	25	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	500		QF	#	25	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	421		QF	#	5	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	175		QF	#	5	-
	mg/L	0608	WL, PZ	09/11/2006	0001	9.40 - 9.40	1500		QF	#	50	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	260		QF	#	5	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	250		QF	#	5	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	240		QF	#	5	-
	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	250		QF	#	10	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	8000		QF	#	100	-
	mg/L	0670	WL, I&E	09/13/2006	0001	15.90 - 45.90	8200			#	100	-
	mg/L	0671	WL, I&E	09/13/2006	0001	14.40 - 44.40	7300			#	250	-
	mg/L	0672	WL, I&E	09/13/2006	0001	15.00 - 45.00	7500			#	250	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate	mg/L	0673	WL, I&E	09/13/2006	0001	16.30 - 46.30	8700			#	250	-
	mg/L	0674	WL, I&E	09/13/2006	0001	15.10 - 45.10	9300			#	250	-
	mg/L	0674	WL, I&E	09/13/2006	0002	15.10 - 45.10	9600			#	50	-
	mg/L	0675	WL, I&E	09/13/2006	0001	16.00 - 46.00	9300			#	250	-
	mg/L	0676	WL, I&E	09/13/2006	0001	15.90 - 45.90	8800			#	250	-
	mg/L	0677	WL, I&E	09/13/2006	0001	15.20 - 45.20	8700			#	250	-
	mg/L	0678	WL, I&E	09/13/2006	0001	16.30 - 46.30	8500			#	250	-
	mg/L	0679	WL, I&E	09/13/2006	0001	15.00 - 45.00	9200			#	250	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	9200		F	#	100	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	8800		F	#	100	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	4880		F	#	25	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	4930		F	#	25	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	9660		F	#	50	-
	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	11000		F	#	1000	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	5600		F	#	50	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	4820		QF	#	50	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	6700		QF	#	50	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	1700		QF	#	25	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	956		QF	#	5	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	9450		QF	#	50	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	230		QF	#	10	-
	mg/L	0697	WL, PZ	09/14/2006	0001	4.80 - 4.80	560		QF	#	25	-
	mg/L	0770	WL, I&E	09/14/2006	0001	14.90 - 34.80	8900			#	250	-
	mg/L	0772	WL, I&E	09/14/2006	0001	15.15 - 35.05	8900			#	250	-
	mg/L	0774	WL, I&E	09/14/2006	0001	15.50 - 35.40	8700			#	250	-
	mg/L	0776	WL, I&E	09/14/2006	0001	15.15 - 35.05	8600			#	250	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate	mg/L	0778	WL, I&E	09/14/2006	0001	15.10 - 35.00	6800			#	250	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	9500		F	#	50	-
	mg/L	0782	WL	09/20/2006	0002	33.00 - 33.00	8700		F	#	1000	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	490		QF	#	25	-
	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	8600		QF	#	250	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	8300		QF	#	250	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	270		QF	#	5	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	9100		F	#	100	-
	mg/L	SMI-PW01	WL	09/15/2006	0002	40.00 - 40.00	9100		F	#	100	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	20.04 - 60.04	8300			#	50	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	7600		F	#	2500	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	16000		F	#	250	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	8300		F	#	100	-
Temperature	C	0216	SL, RIV	09/14/2006	N001	0.00 - 0.00	19.27			#	-	-
	C	0236	SL, RIV	09/13/2006	N001	0.00 - 0.00	24.10			#	-	-
	C	0239	SL, RIV	09/13/2006	N001	0.00 - 0.00	23.63			#	-	-
	C	0240	SL, RIV	09/12/2006	N001	0.00 - 0.00	27.30			#	-	-
	C	0243	SL	09/13/2006	N001	0.00 - 0.00	23.23			#	-	-
	C	0245	SL, RIV	09/14/2006	N001	0.00 - 0.00	19.28			#	-	-
	C	0258	SL, RIV	09/12/2006	N001	0.00 - 0.00	25.44			#	-	-
	C	0259	SL, RIV	09/12/2006	N001	0.00 - 0.00	23.51			#	-	-
	C	0402	WL	09/18/2006	N001	17.00 - 17.00	18.41		F	#	-	-
	C	0403	WL	09/26/2006	N001	18.00 - 18.00	15.98		F	#	-	-
	C	0404	WL	09/06/2006	N001	18.00 - 18.00	17.79		F	#	-	-
	C	0405	WL	09/28/2006	N001	18.00 - 18.00	19.00		F	#	-	-
	C	0407	WL	09/26/2006	N001	17.00 - 17.00	17.34		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0408	WL	09/07/2006	N001	26.00 - 26.00	16.82		F	#	-	-
	C	0470	WL, EXT	09/12/2006	N001	18.00 - 18.00	16.99			#	-	-
	C	0471	WL, EXT	09/12/2006	N001	18.00 - 18.00	17.03			#	-	-
	C	0472	WL, EXT	09/12/2006	N001	18.00 - 18.00	17.31			#	-	-
	C	0473	WL, EXT	09/12/2006	N001	18.00 - 18.00	18.59			#	-	-
	C	0474	WL, EXT	09/12/2006	N001	18.00 - 18.00	17.90			#	-	-
	C	0475	WL, EXT	09/12/2006	N001	18.00 - 18.00	18.63			#	-	-
	C	0476	WL, EXT	09/12/2006	N001	18.00 - 18.00	17.80			#	-	-
	C	0477	WL, EXT	09/12/2006	N001	18.00 - 18.00	18.32			#	-	-
	C	0478	WL, EXT	09/12/2006	N001	23.00 - 23.00	18.18			#	-	-
	C	0479	WL, EXT	09/12/2006	N001	23.00 - 23.00	17.90			#	-	-
	C	0480	WL	09/05/2006	N001	18.00 - 18.00	18.28		F	#	-	-
	C	0480	WL	09/25/2006	N001	18.00 - 18.00	18.67		F	#	-	-
	C	0481	WL	09/05/2006	N001	28.00 - 28.00	18.80		F	#	-	-
	C	0482	WL	09/05/2006	N001	58.00 - 58.00	19.48		F	#	-	-
	C	0483	WL	09/25/2006	N001	18.00 - 18.00	18.11		F	#	-	-
	C	0484	WL	09/05/2006	N001	31.00 - 31.00	17.37		F	#	-	-
	C	0485	WL	09/05/2006	N001	58.00 - 58.00	18.05		F	#	-	-
	C	0488	WL	09/18/2006	N001	39.00 - 39.00	15.28		F	#	-	-
	C	0488	WL	09/28/2006	N001	26.00 - 26.00	18.27		F	#	-	-
	C	0493	WL	09/18/2006	N001	54.00 - 54.00	15.22		F	#	-	-
	C	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	20.53		QF	#	-	-
	C	0497	WL, PZ	09/13/2006	N001	6.99 - 6.99	29.23		QF	#	-	-
	C	0547	TS, INFL	09/20/2006	N001	0.00 - 0.00	16.98			#	-	-
	C	0548	TS, EPND	09/20/2006	N001	0.00 - 0.00	16.88			#	-	-
	C	0557	WL	09/05/2006	N001	40.00 - 40.00	19.28		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0558	WL	09/05/2006	N001	36.00 - 36.00	18.11		F	#	-	-
	C	0559	WL	09/25/2006	N001	19.00 - 19.00	20.30		F	#	-	-
	C	0560	WL	09/05/2006	N001	31.00 - 31.00	15.71		F	#	-	-
	C	0561	WL	09/05/2006	N001	50.00 - 50.00	15.69		F	#	-	-
	C	0562	WL, PZ	09/11/2006	N001	1.80 - 1.80	19.81		QF	#	-	-
	C	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	16.55		QF	#	-	-
	C	0564	WL, PZ	09/11/2006	N001	1.70 - 1.70	22.23		QF	#	-	-
	C	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	20.20		QF	#	-	-
	C	0570	WL, I&E	09/12/2006	N001	27.00 - 27.00	23.48			#	-	-
	C	0571	WL, I&E	09/12/2006	N001	37.00 - 37.00	20.55			#	-	-
	C	0572	WL, I&E	09/12/2006	N001	27.00 - 27.00	22.36			#	-	-
	C	0573	WL, I&E	09/12/2006	N001	37.00 - 37.00	20.87			#	-	-
	C	0575	WL, I&E	09/12/2006	N001	37.00 - 37.00	24.68			#	-	-
	C	0576	WL, I&E	09/12/2006	N001	27.00 - 27.00	20.90			#	-	-
	C	0577	WL, I&E	09/12/2006	N001	37.00 - 37.00	19.74			#	-	-
	C	0580	WL	09/18/2006	N001	18.00 - 18.00	19.03		F	#	-	-
	C	0581	WL	09/18/2006	N001	18.00 - 18.00	19.98		F	#	-	-
	C	0582	WL	09/18/2006	N001	18.00 - 18.00	17.94		F	#	-	-
	C	0584	WL	09/18/2006	N001	18.00 - 18.00	17.14		F	#	-	-
	C	0585	WL	09/07/2006	N001	18.00 - 18.00	16.23		F	#	-	-
	C	0586	WL	09/07/2006	N001	18.00 - 18.00	17.06		F	#	-	-
	C	0587	WL	09/18/2006	N001	18.00 - 18.00	17.72		F	#	-	-
	C	0588	WL	09/07/2006	N001	34.00 - 34.00	16.68		F	#	-	-
	C	0588	WL	09/27/2006	N001	26.00 - 26.00	13.84		F	#	-	-
	C	0589	WL	09/18/2006	N001	52.00 - 52.00	19.62		F	#	-	-
	C	0589	WL	09/27/2006	N001	44.00 - 44.00	13.74		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	17.97		QF	#	-	-
	C	0596	WL	09/05/2006	N001	24.00 - 24.00	15.67		F	#	-	-
	C	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	18.83		QF	#	-	-
	C	0598	WL, PZ	09/13/2006	N001	9.60 - 9.60	20.53		QF	#	-	-
	C	0599	WL, PZ	09/14/2006	N001	9.90 - 9.90	21.30		QF	#	-	-
	C	0600	WL	09/18/2006	N001	27.00 - 27.00	17.91		F	#	-	-
	C	0601	WL	09/07/2006	N001	27.00 - 27.00	17.15		F	#	-	-
	C	0602	WL	09/27/2006	N001	16.00 - 16.00	14.85		F	#	-	-
	C	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	17.98		QF	#	-	-
	C	0605	WL, PZ	09/11/2006	N001	9.90 - 9.90	20.13		QF	#	-	-
	C	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	17.15		QF	#	-	-
	C	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	20.59		QF	#	-	-
	C	0608	WL, PZ	09/11/2006	N001	9.40 - 9.40	18.11		QF	#	-	-
	C	0611	WL, PZ	09/11/2006	N001	2.70 - 2.70	20.19		QF	#	-	-
	C	0612	WL, PZ	09/11/2006	N001	4.80 - 4.80	19.83		QF	#	-	-
	C	0615	WL, PZ	09/11/2006	N001	1.90 - 1.90	23.56		QF	#	-	-
	C	0616	WL, PZ	09/14/2006	N001	5.80 - 5.80	22.42		QF	#	-	-
	C	0617	WL, PZ	09/14/2006	N001	2.20 - 2.20	23.36		QF	#	-	-
	C	0618	WL, PZ	09/13/2006	N001	5.80 - 5.80	21.66		QF	#	-	-
	C	0670	WL, I&E	09/13/2006	N001	40.00 - 40.00	20.76			#	-	-
	C	0671	WL, I&E	09/13/2006	N001	40.00 - 40.00	16.43			#	-	-
	C	0672	WL, I&E	09/13/2006	N001	40.00 - 40.00	16.53			#	-	-
	C	0673	WL, I&E	09/13/2006	N001	40.00 - 40.00	17.13			#	-	-
	C	0674	WL, I&E	09/13/2006	N001	40.00 - 40.00	17.20			#	-	-
	C	0675	WL, I&E	09/13/2006	N001	40.00 - 40.00	17.47			#	-	-
	C	0676	WL, I&E	09/13/2006	N001	40.00 - 40.00	17.02			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0677	WL, I&E	09/13/2006	N001	40.00 - 40.00	19.50			#	-	-
	C	0678	WL, I&E	09/13/2006	N001	40.00 - 40.00	17.14			#	-	-
	C	0679	WL, I&E	09/13/2006	N001	40.00 - 40.00	17.08			#	-	-
	C	0682	WL	09/06/2006	N001	28.00 - 28.00	19.41		F	#	-	-
	C	0683	WL	09/06/2006	N001	27.00 - 27.00	18.73		F	#	-	-
	C	0686	WL	09/28/2006	N001	18.00 - 18.00	15.77		F	#	-	-
	C	0687	WL	09/28/2006	N001	28.00 - 28.00	15.35		F	#	-	-
	C	0688	WL	09/06/2006	N001	31.00 - 31.00	20.32		F	#	-	-
	C	0688	WL	09/06/2006	N001	39.00 - 39.00	18.29		F	#	-	-
	C	0689	WL	09/06/2006	N001	46.00 - 46.00	16.25		F	#	-	-
	C	0689	WL	09/06/2006	N001	54.00 - 54.00	16.87		F	#	-	-
	C	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	20.65		QF	#	-	-
	C	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	19.25		QF	#	-	-
	C	0693	WL, PZ	09/11/2006	N001	2.00 - 2.00	24.40		QF	#	-	-
	C	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	17.69		QF	#	-	-
	C	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	17.54		QF	#	-	-
	C	0696	WL, PZ	09/14/2006	N001	1.80 - 1.80	30.72		QF	#	-	-
	C	0697	WL, PZ	09/14/2006	N001	4.80 - 4.80	29.40		QF	#	-	-
	C	0698	WL, PZ	09/11/2006	N001	11.02 - 11.02	27.90		F	#	-	-
	C	0770	WL, I&E	09/14/2006	N001	30.00 - 30.00	20.81			#	-	-
	C	0772	WL, I&E	09/14/2006	N001	30.00 - 30.00	22.65			#	-	-
	C	0774	WL, I&E	09/14/2006	N001	30.00 - 30.00	25.0			#	-	-
	C	0776	WL, I&E	09/14/2006	N001	30.00 - 30.00	18.38			#	-	-
	C	0778	WL, I&E	09/14/2006	N001	30.00 - 30.00	18.44			#	-	-
	C	0782	WL	09/20/2006	N001	33.00 - 33.00	18.33		F	#	-	-
	C	0790	WL, PZ	09/15/2006	N001	0.00 - 0.00	18.41		QF	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0791	WL, PZ	09/15/2006	N001	0.00 - 0.00	17.85		QF	#	-	-
	C	0792	WL, PZ	09/15/2006	N001	0.00 - 0.00	16.60		QF	#	-	-
	C	0793	WL, PZ	09/15/2006	N001	0.00 - 0.00	18.88		QF	#	-	-
	C	SMI-PW01	WL	09/15/2006	N001	40.00 - 40.00	18.89		F	#	-	-
	C	SMI-PW02	WL	09/20/2006	N001	55.00 - 55.00	17.05			#	-	-
	C	SMI-PZ1D2	WL	09/15/2006	N001	73.00 - 73.00	19.11		F	#	-	-
	C	SMI-PZ1M	WL	09/15/2006	N001	57.00 - 57.00	19.35		F	#	-	-
	C	SMI-PZ1S	WL	09/15/2006	N001	18.00 - 18.00	19.14		F	#	-	-
Total Dissolved Solids	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	680			#	20	-
	mg/L	0216	SL, RIV	09/14/2006	0002	0.00 - 0.00	690			#	20	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	670			#	20	-
	mg/L	0236	SL, RIV	09/13/2006	0002	0.00 - 0.00	670			#	20	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	690			#	20	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	710			#	20	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	740			#	20	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	660			#	40	-
	mg/L	0245	SL, RIV	09/14/2006	0002	0.00 - 0.00	690			#	20	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	690			#	20	-
	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	730			#	20	-
	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	7400		F	#	200	-
	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	1700		F	#	3.5	-
	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	17000		F	#	400	-
	mg/L	0404	WL	09/06/2006	0002	18.00 - 18.00	17000		F	#	400	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	14900		F	#	3.5	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	930		F	#	3.5	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	15000		F	#	400	-

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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Dissolved Solids	mg/L	0470	WL, EXT	09/12/2006	0001	10.30 - 19.70	11000			#	400	-
	mg/L	0471	WL, EXT	09/12/2006	0001	10.30 - 19.70	10000			#	400	-
	mg/L	0472	WL, EXT	09/12/2006	0001	10.30 - 19.70	6500			#	200	-
	mg/L	0473	WL, EXT	09/12/2006	0001	10.30 - 19.70	5000			#	200	-
	mg/L	0474	WL, EXT	09/12/2006	0001	10.30 - 19.70	5700			#	200	-
	mg/L	0475	WL, EXT	09/12/2006	0001	10.30 - 19.70	5900			#	200	-
	mg/L	0476	WL, EXT	09/12/2006	0001	10.30 - 19.70	7500			#	200	-
	mg/L	0477	WL, EXT	09/12/2006	0001	10.30 - 19.70	9900			#	200	-
	mg/L	0478	WL, EXT	09/12/2006	0001	9.60 - 23.90	15000			#	400	-
	mg/L	0479	WL, EXT	09/12/2006	0001	9.30 - 23.60	11000			#	400	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	15000		F	#	400	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	18400		F	#	3.5	-
	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	30000		F	#	2000	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	85000		F	#	2000	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	4020		F	#	3.5	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	30000		F	#	2000	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	87000		F	#	2000	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	18000		F	#	400	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	13800		F	#	3.5	-
	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	29000		F	#	1000	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	19700		QF	#	3.5	-
	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	24000			#	1000	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	27000			#	1000	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	49000		F	#	2000	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	54000		F	#	2000	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	1470		F	#	3.5	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Dissolved Solids	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	41000		F	#	2000	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	76000		F	#	2000	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	690		QF	#	20	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	664		QF	#	3.5	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	710		QF	#	20	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	632		QF	#	3.5	-
	mg/L	0570	WL, I&E	09/12/2006	0001	15.00 - 30.00	28000			#	1000	-
	mg/L	0571	WL, I&E	09/12/2006	0001	25.00 - 40.00	24000			#	1000	-
	mg/L	0571	WL, I&E	09/12/2006	0002	25.00 - 40.00	24000			#	400	-
	mg/L	0572	WL, I&E	09/12/2006	0001	15.00 - 30.00	20000			#	400	-
	mg/L	0573	WL, I&E	09/12/2006	0001	25.00 - 40.00	24000			#	400	-
	mg/L	0575	WL, I&E	09/12/2006	0001	25.00 - 40.00	49000			#	2000	-
	mg/L	0576	WL, I&E	09/12/2006	0001	15.00 - 30.00	22000			#	400	-
	mg/L	0577	WL, I&E	09/12/2006	0001	25.00 - 40.00	41000			#	1000	-
	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	7900		F	#	200	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	12000		F	#	400	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	6900		F	#	200	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	6300		F	#	200	-
	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	13000		F	#	400	-
	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	14000		F	#	400	-
	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	7900		F	#	200	-
	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	37000		F	#	1000	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	5700		F	#	3.5	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	77000		F	#	2000	-
	mg/L	0589	WL	09/18/2006	0002	52.00 - 52.00	77000		F	#	2000	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	69000		F	#	3.5	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Dissolved Solids	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	7970		QF	#	3.5	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	3300		F	#	200	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	19900		QF	#	3.5	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	15000		QF	#	400	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	14000		QF	#	400	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	18000		F	#	1000	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	14000		F	#	400	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	7330		F	#	3.5	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	8240		QF	#	3.5	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	1200		QF	#	80	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	1200		QF	#	3.5	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	695		QF	#	3.5	-
	mg/L	0608	WL, PZ	09/11/2006	0001	9.40 - 9.40	3900		QF	#	200	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	700		QF	#	20	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	690		QF	#	20	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	700		QF	#	20	-
	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	480		QF	#	40	-
	mg/L	0617	WL, PZ	09/14/2006	0001	2.20 - 2.20	11000		QF	#	400	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	15000		QF	#	400	-
	mg/L	0670	WL, I&E	09/13/2006	0001	15.90 - 45.90	17000			#	400	-
	mg/L	0671	WL, I&E	09/13/2006	0001	14.40 - 44.40	21000			#	400	-
	mg/L	0672	WL, I&E	09/13/2006	0001	15.00 - 45.00	27000			#	1000	-
	mg/L	0673	WL, I&E	09/13/2006	0001	16.30 - 46.30	29000			#	1000	-
	mg/L	0674	WL, I&E	09/13/2006	0001	15.10 - 45.10	26000			#	1000	-
	mg/L	0674	WL, I&E	09/13/2006	0002	15.10 - 45.10	27000			#	2000	-
	mg/L	0675	WL, I&E	09/13/2006	0001	16.00 - 46.00	22000			#	1000	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Dissolved Solids	mg/L	0676	WL, I&E	09/13/2006	0001	15.90 - 45.90	18000			#	1000	-
	mg/L	0677	WL, I&E	09/13/2006	0001	15.20 - 45.20	18000			#	1000	-
	mg/L	0678	WL, I&E	09/13/2006	0001	16.30 - 46.30	18000			#	1000	-
	mg/L	0679	WL, I&E	09/13/2006	0001	15.00 - 45.00	18000			#	400	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	17000		F	#	400	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	16000		F	#	400	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	8710		F	#	3.5	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	9180		F	#	3.5	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	18800		F	#	3.5	-
	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	27000		F	#	2000	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	87000		F	#	2000	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	10000		QF	#	3.5	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	13800		QF	#	3.5	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	3300		QF	#	80	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	2100		QF	#	3.5	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	17600		QF	#	3.5	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	680		QF	#	40	-
	mg/L	0697	WL, PZ	09/14/2006	0001	4.80 - 4.80	1300		QF	#	80	-
	mg/L	0770	WL, I&E	09/14/2006	0001	14.90 - 34.80	28000			#	1000	-
	mg/L	0772	WL, I&E	09/14/2006	0001	15.15 - 35.05	29000			#	1000	-
	mg/L	0774	WL, I&E	09/14/2006	0001	15.50 - 35.40	29000			#	1000	-
	mg/L	0776	WL, I&E	09/14/2006	0001	15.15 - 35.05	28000			#	1000	-
	mg/L	0778	WL, I&E	09/14/2006	0001	15.10 - 35.00	24000			#	1000	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	53000		F	#	2000	-
	mg/L	0782	WL	09/20/2006	0002	33.00 - 33.00	51000		F	#	2000	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	1300		QF	#	80	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Dissolved Solids	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	19000		QF	#	400	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	22000		QF	#	1000	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	700		QF	#	20	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	16000		F	#	400	-
	mg/L	SMI-PW01	WL	09/15/2006	0002	40.00 - 40.00	16000		F	#	400	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	20.04 - 60.04	46000			#	2000	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	76000		F	#	2000	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	35000		F	#	1000	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	18000		F	#	400	-
Total Inorganic Carbon	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	75.1		FJ	#	0.22	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	70.5		FJ	#	0.22	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.22	U	FJ	#	0.22	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	161		FJ	#	0.22	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	130		FJ	#	0.22	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	138		FJ	#	0.22	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	204		QFJ	#	0.22	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.22	U	FJ	#	0.22	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.22	U	QFJ	#	0.22	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	110		QFJ	#	0.22	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	64.3		FJ	#	0.22	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.22	U	FJ	#	0.22	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	105		QFJ	#	0.22	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	122		QFJ	#	0.22	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	51.7		FJ	#	0.22	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	60.8		QFJ	#	0.22	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	93.8		QFJ	#	0.22	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Inorganic Carbon	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	99.2		QFJ	#	0.22	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	79.5		FJ	#	0.22	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	105		FJ	#	0.22	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	115		FJ	#	0.22	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	110		QFJ	#	0.22	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	123		QFJ	#	0.22	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	130		QFJ	#	0.22	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	175		QFJ	#	0.22	-
Total Kjeldahl Nitrogen	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	67.6		F	#	4.6	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	213		F	#	46.4	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	14.4		F	#	1.2	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	362		F	#	23.2	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	152		F	#	23.2	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	741		F	#	0.058	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	47.5		QF	#	11.6	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	70.9		F	#	23.2	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	14.3		QF	#	5.8	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	4.4		QF	#	2.3	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	90.9		F	#	5.8	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	787		F	#	46.4	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	247		QF	#	23.2	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	270		QF	#	23.2	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	87.2		F	#	5.8	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	327		QF	#	23.2	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	54.2		QF	#	5.8	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	30.6		QF	#	4.6	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Kjeldahl Nitrogen	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	6.3		F	#	2.3	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	1.1		F	#	0.058	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	4640	U	F	#	4640	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	324		QF	#	23.2	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	272		QF	#	23.2	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	33.3		QF	#	3.5	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	503		QF	#	46.4	-
Total Organic Carbon	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0405	WL	09/28/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	0.47	U	F	#	0.47	-
	mg/L	0480	WL	09/25/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0488	WL	09/28/2006	N001	26.00 - 26.00	0.47	U	F	#	0.47	-
	mg/L	0495	WL, PZ	09/28/2006	N001	5.10 - 5.10	0.47	U	QF	#	0.47	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	0.47	U	F	#	0.47	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	0.47	U	QF	#	0.47	-
	mg/L	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	0.47	U	QF	#	0.47	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	23.7	U	F	#	23.7	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	0.47	U	F	#	0.47	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	0.47	U	QF	#	0.47	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	0.47	U	QF	#	0.47	-
	mg/L	0602	WL	09/27/2006	N001	16.00 - 16.00	0.47	U	F	#	0.47	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	0.47	U	QF	#	0.47	-
	mg/L	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	0.47	U	QF	#	0.47	-
	mg/L	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	0.47	U	QF	#	0.47	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	0.47	U	F	#	0.47	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Total Organic Carbon	mg/L	0686	WL	09/28/2006	N003	18.00 - 18.00	0.47	U	F	#	0.47	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	0.47	U	F	#	0.47	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	0.47	U	QF	#	0.47	-
	mg/L	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	0.47	U	QF	#	0.47	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	0.47	U	QF	#	0.47	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	0.47	U	QF	#	0.47	-
Turbidity	NTU	0216	SL, RIV	09/14/2006	N001	0.00 - 0.00	345			#	-	-
	NTU	0236	SL, RIV	09/13/2006	N001	0.00 - 0.00	219			#	-	-
	NTU	0245	SL, RIV	09/14/2006	N001	0.00 - 0.00	498			#	-	-
	NTU	0402	WL	09/18/2006	N001	17.00 - 17.00	1.87		F	#	-	-
	NTU	0403	WL	09/26/2006	N001	18.00 - 18.00	5.49		F	#	-	-
	NTU	0404	WL	09/06/2006	N001	18.00 - 18.00	2.26		F	#	-	-
	NTU	0405	WL	09/28/2006	N001	18.00 - 18.00	0.88		F	#	-	-
	NTU	0408	WL	09/07/2006	N001	26.00 - 26.00	8.58		F	#	-	-
	NTU	0470	WL, EXT	09/12/2006	N001	18.00 - 18.00	11.9			#	-	-
	NTU	0471	WL, EXT	09/12/2006	N001	18.00 - 18.00	1.38			#	-	-
	NTU	0472	WL, EXT	09/12/2006	N001	18.00 - 18.00	1.45			#	-	-
	NTU	0473	WL, EXT	09/12/2006	N001	18.00 - 18.00	1.14			#	-	-
	NTU	0474	WL, EXT	09/12/2006	N001	18.00 - 18.00	1.26			#	-	-
	NTU	0475	WL, EXT	09/12/2006	N001	18.00 - 18.00	0.90			#	-	-
	NTU	0476	WL, EXT	09/12/2006	N001	18.00 - 18.00	1.14			#	-	-
	NTU	0477	WL, EXT	09/12/2006	N001	18.00 - 18.00	0.79			#	-	-
	NTU	0478	WL, EXT	09/12/2006	N001	23.00 - 23.00	1.23			#	-	-
	NTU	0479	WL, EXT	09/12/2006	N001	23.00 - 23.00	0.87			#	-	-
	NTU	0480	WL	09/05/2006	N001	18.00 - 18.00	0.72		F	#	-	-
	NTU	0480	WL	09/25/2006	N001	18.00 - 18.00	4.48		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0481	WL	09/05/2006	N001	28.00 - 28.00	3.52		F	#	-	-
	NTU	0482	WL	09/05/2006	N001	58.00 - 58.00	6.74		F	#	-	-
	NTU	0483	WL	09/25/2006	N001	18.00 - 18.00	1.22		F	#	-	-
	NTU	0484	WL	09/05/2006	N001	31.00 - 31.00	10.0		F	#	-	-
	NTU	0485	WL	09/05/2006	N001	58.00 - 58.00	3.84		F	#	-	-
	NTU	0488	WL	09/18/2006	N001	39.00 - 39.00	3.70		F	#	-	-
	NTU	0488	WL	09/28/2006	N001	26.00 - 26.00	4.73		F	#	-	-
	NTU	0493	WL	09/18/2006	N001	54.00 - 54.00	5.43		F	#	-	-
	NTU	0547	TS, INFL	09/20/2006	N001	0.00 - 0.00	2.49			#	-	-
	NTU	0548	TS, EPND	09/20/2006	N001	0.00 - 0.00	14.2			#	-	-
	NTU	0557	WL	09/05/2006	N001	40.00 - 40.00	6.27		F	#	-	-
	NTU	0558	WL	09/05/2006	N001	36.00 - 36.00	1.59		F	#	-	-
	NTU	0559	WL	09/25/2006	N001	19.00 - 19.00	2.51		F	#	-	-
	NTU	0560	WL	09/05/2006	N001	31.00 - 31.00	1.78		F	#	-	-
	NTU	0561	WL	09/05/2006	N001	50.00 - 50.00	4.77		F	#	-	-
	NTU	0562	WL, PZ	09/11/2006	N001	1.80 - 1.80	33.4		QF	#	-	-
	NTU	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	19.9		QF	#	-	-
	NTU	0564	WL, PZ	09/11/2006	N001	1.70 - 1.70	738		QF	#	-	-
	NTU	0570	WL, I&E	09/12/2006	N001	27.00 - 27.00	3.26			#	-	-
	NTU	0571	WL, I&E	09/12/2006	N001	37.00 - 37.00	14.0			#	-	-
	NTU	0572	WL, I&E	09/12/2006	N001	27.00 - 27.00	2.29			#	-	-
	NTU	0573	WL, I&E	09/12/2006	N001	37.00 - 37.00	2.62			#	-	-
	NTU	0575	WL, I&E	09/12/2006	N001	37.00 - 37.00	4.22			#	-	-
	NTU	0576	WL, I&E	09/12/2006	N001	27.00 - 27.00	4.60			#	-	-
	NTU	0577	WL, I&E	09/12/2006	N001	37.00 - 37.00	2.53			#	-	-
	NTU	0580	WL	09/18/2006	N001	18.00 - 18.00	2.78		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0581	WL	09/18/2006	N001	18.00 - 18.00	9.23		F	#	-	-
	NTU	0582	WL	09/18/2006	N001	18.00 - 18.00	2.35		F	#	-	-
	NTU	0584	WL	09/18/2006	N001	18.00 - 18.00	8.16		F	#	-	-
	NTU	0585	WL	09/07/2006	N001	18.00 - 18.00	5.48		F	#	-	-
	NTU	0586	WL	09/07/2006	N001	18.00 - 18.00	2.10		F	#	-	-
	NTU	0587	WL	09/18/2006	N001	18.00 - 18.00	4.04		F	#	-	-
	NTU	0588	WL	09/07/2006	N001	34.00 - 34.00	1.66		F	#	-	-
	NTU	0588	WL	09/27/2006	N001	26.00 - 26.00	4.25		F	#	-	-
	NTU	0589	WL	09/18/2006	N001	52.00 - 52.00	8.99		F	#	-	-
	NTU	0589	WL	09/27/2006	N001	44.00 - 44.00	7.01		F	#	-	-
	NTU	0596	WL	09/05/2006	N001	24.00 - 24.00	1.54		F	#	-	-
	NTU	0598	WL, PZ	09/13/2006	N001	9.60 - 9.60	344		QF	#	-	-
	NTU	0600	WL	09/18/2006	N001	27.00 - 27.00	1.80		F	#	-	-
	NTU	0601	WL	09/07/2006	N001	27.00 - 27.00	1.75		F	#	-	-
	NTU	0602	WL	09/27/2006	N001	16.00 - 16.00	1.78		F	#	-	-
	NTU	0608	WL, PZ	09/11/2006	N001	9.40 - 9.40	967		QF	#	-	-
	NTU	0611	WL, PZ	09/11/2006	N001	2.70 - 2.70	16.3		QF	#	-	-
	NTU	0612	WL, PZ	09/11/2006	N001	4.80 - 4.80	8.16		QF	#	-	-
	NTU	0615	WL, PZ	09/11/2006	N001	1.90 - 1.90	16.6		QF	#	-	-
	NTU	0618	WL, PZ	09/13/2006	N001	5.80 - 5.80	776		QF	#	-	-
	NTU	0670	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.58			#	-	-
	NTU	0671	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.29			#	-	-
	NTU	0672	WL, I&E	09/13/2006	N001	40.00 - 40.00	4.16			#	-	-
	NTU	0673	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.77			#	-	-
	NTU	0674	WL, I&E	09/13/2006	N001	40.00 - 40.00	3.31			#	-	-
	NTU	0675	WL, I&E	09/13/2006	N001	40.00 - 40.00	0.99			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0676	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.76			#	-	-
	NTU	0677	WL, I&E	09/13/2006	N001	40.00 - 40.00	2.28			#	-	-
	NTU	0678	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.37			#	-	-
	NTU	0679	WL, I&E	09/13/2006	N001	40.00 - 40.00	1.63			#	-	-
	NTU	0682	WL	09/06/2006	N001	28.00 - 28.00	1.26		F	#	-	-
	NTU	0683	WL	09/06/2006	N001	27.00 - 27.00	9.8		F	#	-	-
	NTU	0686	WL	09/28/2006	N001	18.00 - 18.00	5.68		F	#	-	-
	NTU	0687	WL	09/28/2006	N001	28.00 - 28.00	0.26		F	#	-	-
	NTU	0688	WL	09/06/2006	N001	31.00 - 31.00	1.25		F	#	-	-
	NTU	0688	WL	09/06/2006	N001	39.00 - 39.00	1.34		F	#	-	-
	NTU	0689	WL	09/06/2006	N001	46.00 - 46.00	2.03		F	#	-	-
	NTU	0689	WL	09/06/2006	N001	54.00 - 54.00	3.69		F	#	-	-
	NTU	0693	WL, PZ	09/11/2006	N001	2.00 - 2.00	256		QF	#	-	-
	NTU	0770	WL, I&E	09/14/2006	N001	30.00 - 30.00	26.9			#	-	-
	NTU	0772	WL, I&E	09/14/2006	N001	30.00 - 30.00	9.12			#	-	-
	NTU	0774	WL, I&E	09/14/2006	N001	30.00 - 30.00	4.88			#	-	-
	NTU	0776	WL, I&E	09/14/2006	N001	30.00 - 30.00	3.41			#	-	-
	NTU	0778	WL, I&E	09/14/2006	N001	30.00 - 30.00	4.14			#	-	-
	NTU	0782	WL	09/20/2006	N001	33.00 - 33.00	2.64		F	#	-	-
	NTU	0790	WL, PZ	09/15/2006	N001	0.00 - 0.00	7.44		QF	#	-	-
	NTU	0791	WL, PZ	09/15/2006	N001	0.00 - 0.00	8.06		QF	#	-	-
	NTU	SMI-PW01	WL	09/15/2006	N001	40.00 - 40.00	6.65		F	#	-	-
	NTU	SMI-PW02	WL	09/20/2006	N001	55.00 - 55.00	3.15			#	-	-
	NTU	SMI-PZ1D2	WL	09/15/2006	N001	73.00 - 73.00	4.06		F	#	-	-
	NTU	SMI-PZ1M	WL	09/15/2006	N001	57.00 - 57.00	7.71		F	#	-	-
	NTU	SMI-PZ1S	WL	09/15/2006	N001	18.00 - 18.00	3.36		F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0216	SL, RIV	09/14/2006	0001	0.00 - 0.00	0.0069			#	4.8E-06	-
	mg/L	0216	SL, RIV	09/14/2006	0002	0.00 - 0.00	0.0065			#	4.8E-06	-
	mg/L	0236	SL, RIV	09/13/2006	0001	0.00 - 0.00	0.0062			#	3.1E-06	-
	mg/L	0236	SL, RIV	09/13/2006	0002	0.00 - 0.00	0.0059			#	4.8E-06	-
	mg/L	0239	SL, RIV	09/13/2006	0001	0.00 - 0.00	0.0073			#	3.1E-06	-
	mg/L	0240	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.0062			#	3.1E-06	-
	mg/L	0243	SL	09/13/2006	0001	0.00 - 0.00	0.0073			#	3.1E-06	-
	mg/L	0245	SL, RIV	09/14/2006	0001	0.00 - 0.00	0.0067			#	4.8E-06	-
	mg/L	0245	SL, RIV	09/14/2006	0002	0.00 - 0.00	0.0066			#	4.8E-06	-
	mg/L	0258	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.0062			#	3.1E-06	-
	mg/L	0259	SL, RIV	09/12/2006	0001	0.00 - 0.00	0.0062			#	3.1E-06	-
	mg/L	0402	WL	09/18/2006	0001	17.00 - 17.00	2.100		F	#	0.00048	-
	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.325		FJ	#	0.0042	-
	mg/L	0404	WL	09/06/2006	0001	18.00 - 18.00	2.800		F	#	0.00031	-
	mg/L	0404	WL	09/06/2006	0002	18.00 - 18.00	2.600		F	#	0.00016	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	3.130	N	FJ	#	0.021	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.0597		FJ	#	0.0042	-
	mg/L	0408	WL	09/07/2006	0001	26.00 - 26.00	3.500		F	#	0.00016	-
	mg/L	0470	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.800			#	0.00016	-
	mg/L	0471	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.700			#	0.00016	-
	mg/L	0472	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.100			#	0.00016	-
	mg/L	0473	WL, EXT	09/12/2006	0001	10.30 - 19.70	0.990			#	0.00016	-
	mg/L	0474	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.000			#	0.00016	-
	mg/L	0475	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.100			#	0.00016	-
	mg/L	0476	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.400			#	0.00016	-
	mg/L	0477	WL, EXT	09/12/2006	0001	10.30 - 19.70	1.800			#	0.00016	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0478	WL, EXT	09/12/2006	0001	9.60 - 23.90	2.200			#	0.00016	-
	mg/L	0479	WL, EXT	09/12/2006	0001	9.30 - 23.60	2.600			#	0.00063	-
	mg/L	0480	WL	09/05/2006	0001	18.00 - 18.00	2.600		F	#	0.00031	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	4.180		FJ	#	0.021	-
	mg/L	0481	WL	09/05/2006	0001	28.00 - 28.00	3.100		F	#	0.00031	-
	mg/L	0482	WL	09/05/2006	0001	58.00 - 58.00	0.600		F	#	0.00016	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.644		FJ	#	0.0042	-
	mg/L	0484	WL	09/05/2006	0001	31.00 - 31.00	3.200		F	#	0.00031	-
	mg/L	0485	WL	09/05/2006	0001	58.00 - 58.00	0.630		F	#	6.3E-05	-
	mg/L	0488	WL	09/18/2006	0001	39.00 - 39.00	2.600		F	#	0.00024	-
	mg/L	0488	WL	09/28/2006	0001	26.00 - 26.00	2.230	N	FJ	#	0.021	-
	mg/L	0493	WL	09/18/2006	0001	54.00 - 54.00	3.500		F	#	0.00048	-
	mg/L	0495	WL, PZ	09/28/2006	0001	5.10 - 5.10	10.300	N	QFJ	#	0.021	-
	mg/L	0547	TS, INFL	09/20/2006	0001	0.00 - 0.00	2.600			#	0.00048	-
	mg/L	0548	TS, EPND	09/20/2006	0001	0.00 - 0.00	2.600			#	0.00048	-
	mg/L	0557	WL	09/05/2006	0001	40.00 - 40.00	2.400		F	#	0.00031	-
	mg/L	0558	WL	09/05/2006	0001	36.00 - 36.00	2.300		F	#	0.00016	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.295		FJ	#	0.0042	-
	mg/L	0560	WL	09/05/2006	0001	31.00 - 31.00	1.800		F	#	6.3E-05	-
	mg/L	0561	WL	09/05/2006	0001	50.00 - 50.00	1.300		F	#	6.3E-05	-
	mg/L	0562	WL, PZ	09/11/2006	0001	1.80 - 1.80	0.021		QF	#	3.1E-06	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.0625		QFJ	#	0.0042	-
	mg/L	0564	WL, PZ	09/11/2006	0001	1.70 - 1.70	0.0056		QF	#	3.1E-06	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.0189	B	QFJ	#	0.0042	-
	mg/L	0570	WL, I&E	09/12/2006	0001	15.00 - 30.00	2.300			#	0.00031	-
	mg/L	0571	WL, I&E	09/12/2006	0001	25.00 - 40.00	2.800			#	0.00024	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0571	WL, I&E	09/12/2006	0002	25.00 - 40.00	2.900			#	0.00048	-
	mg/L	0572	WL, I&E	09/12/2006	0001	15.00 - 30.00	2.900			#	0.00024	-
	mg/L	0573	WL, I&E	09/12/2006	0001	25.00 - 40.00	3.000			#	0.00024	-
	mg/L	0575	WL, I&E	09/12/2006	0001	25.00 - 40.00	2.500			#	0.00024	-
	mg/L	0576	WL, I&E	09/12/2006	0001	15.00 - 30.00	3.000			#	0.00024	-
	mg/L	0577	WL, I&E	09/12/2006	0001	25.00 - 40.00	2.300			#	0.00048	-
	mg/L	0580	WL	09/18/2006	0001	18.00 - 18.00	1.700		F	#	0.00048	-
	mg/L	0581	WL	09/18/2006	0001	18.00 - 18.00	3.000		F	#	0.00097	-
	mg/L	0582	WL	09/18/2006	0001	18.00 - 18.00	1.400		F	#	0.00024	-
	mg/L	0584	WL	09/18/2006	0001	18.00 - 18.00	1.700		F	#	0.00024	-
	mg/L	0585	WL	09/07/2006	0001	18.00 - 18.00	3.100		F	#	0.00016	-
	mg/L	0586	WL	09/07/2006	0001	18.00 - 18.00	2.800		F	#	0.00031	-
	mg/L	0587	WL	09/18/2006	0001	18.00 - 18.00	2.000		F	#	0.00048	-
	mg/L	0588	WL	09/07/2006	0001	34.00 - 34.00	2.100		F	#	0.00016	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.856		FJ	#	0.0042	-
	mg/L	0589	WL	09/18/2006	0001	52.00 - 52.00	1.200		F	#	0.00024	-
	mg/L	0589	WL	09/18/2006	0002	52.00 - 52.00	1.200		F	#	0.00024	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	1.850		FJ	#	0.021	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.940		QFJ	#	0.0042	-
	mg/L	0596	WL	09/05/2006	0001	24.00 - 24.00	0.560		F	#	0.00016	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	3.670	N	QFJ	#	0.021	-
	mg/L	0598	WL, PZ	09/13/2006	0001	9.60 - 9.60	2.800		QF	#	0.00024	-
	mg/L	0599	WL, PZ	09/14/2006	0001	9.90 - 9.90	2.100		QF	#	0.00024	-
	mg/L	0600	WL	09/18/2006	0001	27.00 - 27.00	3.400		F	#	0.00048	-
	mg/L	0601	WL	09/07/2006	0001	27.00 - 27.00	2.900		F	#	0.00016	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	1.560		FJ	#	0.0042	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	1.210		QFJ	#	0.021	-
	mg/L	0605	WL, PZ	09/11/2006	0001	9.90 - 9.90	0.390		QF	#	4.8E-05	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.582		QFJ	#	0.0042	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.229		QFJ	#	0.0042	-
	mg/L	0608	WL, PZ	09/11/2006	0001	9.40 - 9.40	0.390		QF	#	4.8E-05	-
	mg/L	0611	WL, PZ	09/11/2006	0001	2.70 - 2.70	0.017		QF	#	4.8E-06	-
	mg/L	0612	WL, PZ	09/11/2006	0001	4.80 - 4.80	0.019		QF	#	4.8E-06	-
	mg/L	0615	WL, PZ	09/11/2006	0001	1.90 - 1.90	0.009		QF	#	4.8E-06	-
	mg/L	0616	WL, PZ	09/14/2006	0001	5.80 - 5.80	0.042		QF	#	4.8E-06	-
	mg/L	0618	WL, PZ	09/13/2006	0001	5.80 - 5.80	3.500		QF	#	0.00024	-
	mg/L	0670	WL, I&E	09/13/2006	0001	15.90 - 45.90	2.700			#	0.00024	-
	mg/L	0671	WL, I&E	09/13/2006	0001	14.40 - 44.40	2.700			#	0.00048	-
	mg/L	0672	WL, I&E	09/13/2006	0001	15.00 - 45.00	2.300			#	0.00024	-
	mg/L	0673	WL, I&E	09/13/2006	0001	16.30 - 46.30	2.700			#	0.00024	-
	mg/L	0674	WL, I&E	09/13/2006	0001	15.10 - 45.10	3.100			#	0.00048	-
	mg/L	0674	WL, I&E	09/13/2006	0002	15.10 - 45.10	3.000			#	0.00048	-
	mg/L	0675	WL, I&E	09/13/2006	0001	16.00 - 46.00	2.800			#	0.00024	-
	mg/L	0676	WL, I&E	09/13/2006	0001	15.90 - 45.90	2.900			#	0.00048	-
	mg/L	0677	WL, I&E	09/13/2006	0001	15.20 - 45.20	3.700			#	0.00048	-
	mg/L	0678	WL, I&E	09/13/2006	0001	16.30 - 46.30	3.800			#	0.00048	-
	mg/L	0679	WL, I&E	09/13/2006	0001	15.00 - 45.00	4.000			#	0.00048	-
	mg/L	0682	WL	09/06/2006	0001	28.00 - 28.00	3.100		F	#	0.00016	-
	mg/L	0683	WL	09/06/2006	0001	27.00 - 27.00	3.000		F	#	0.00031	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	2.120	N	FJ	#	0.0042	-
	mg/L	0686	WL	09/28/2006	0003	18.00 - 18.00	2.100	N	FJ	#	0.0042	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	3.150	N	FJ	#	0.021	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0688	WL	09/06/2006	0001	31.00 - 31.00	3.300		F	#	0.00031	-
	mg/L	0689	WL	09/06/2006	0001	54.00 - 54.00	0.410		F	#	0.00016	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	1.670	N	QFJ	#	0.021	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	2.030	N	QFJ	#	0.021	-
	mg/L	0693	WL, PZ	09/11/2006	0001	2.00 - 2.00	0.490		QF	#	0.00024	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.557		QFJ	#	0.0042	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	2.740		QFJ	#	0.021	-
	mg/L	0696	WL, PZ	09/14/2006	0001	1.80 - 1.80	0.038		QF	#	2.4E-05	-
	mg/L	0697	WL, PZ	09/14/2006	0001	4.80 - 4.80	0.042		QF	#	2.4E-05	-
	mg/L	0770	WL, I&E	09/14/2006	0001	14.90 - 34.80	2.600			#	0.00024	-
	mg/L	0772	WL, I&E	09/14/2006	0001	15.15 - 35.05	2.600			#	0.00024	-
	mg/L	0774	WL, I&E	09/14/2006	0001	15.50 - 35.40	2.700			#	0.00024	-
	mg/L	0776	WL, I&E	09/14/2006	0001	15.15 - 35.05	2.500			#	0.00024	-
	mg/L	0778	WL, I&E	09/14/2006	0001	15.10 - 35.00	2.100			#	0.00024	-
	mg/L	0782	WL	09/20/2006	0001	33.00 - 33.00	2.000		F	#	0.00048	-
	mg/L	0782	WL	09/20/2006	0002	33.00 - 33.00	1.800		F	#	0.00048	-
	mg/L	0790	WL, PZ	09/15/2006	0001	0.00 - 0.00	0.270		QF	#	9.7E-05	-
	mg/L	0791	WL, PZ	09/15/2006	0001	0.00 - 0.00	2.400		QF	#	0.00024	-
	mg/L	0792	WL, PZ	09/15/2006	0001	0.00 - 0.00	1.600		QF	#	0.00024	-
	mg/L	0793	WL, PZ	09/15/2006	0001	0.00 - 0.00	0.0089		QF	#	4.8E-06	-
	mg/L	SMI-PW01	WL	09/15/2006	0001	40.00 - 40.00	2.400		F	#	0.00024	-
	mg/L	SMI-PW01	WL	09/15/2006	0002	40.00 - 40.00	2.400		F	#	0.00024	-
	mg/L	SMI-PW02	WL	09/20/2006	0001	20.04 - 60.04	2.500			#	0.00048	-
	mg/L	SMI-PZ1D2	WL	09/15/2006	0001	73.00 - 73.00	1.400		F	#	0.00024	-
	mg/L	SMI-PZ1M	WL	09/15/2006	0001	57.00 - 57.00	3.800		F	#	0.00024	-
	mg/L	SMI-PZ1S	WL	09/15/2006	0001	18.00 - 18.00	3.800		F	#	0.00048	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 12/7/2006 11:39 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY

RECORDS: SELECTED FROM USEE200 WHERE site_code='MOA01' AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%N%' AND data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND DATE_SAMPLED between #9/3/2006# and #9/28/2006#

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: SL SURFACE LOCATION TS TREATMENT SYSTEM WL WELL

LOCATION SUBTYPES:

EPND	Evaporation Pond	EXT	Extraction Well	I&E	Dual Purpose Injection and Ex INFL
PZ	Piezometer	RIV	River		Treatment System Influent

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

F	Low flow sampling method used.	G	Possible grout contamination, pH > 9.	J	Estimated value.
L	Less than 3 bore volumes purged prior to sampling.	N	Presumptive evidence that analyte is present. The analyte is "tentatively identified".	Q	Qualitative result due to sampling technique
R	Unusable result.	U	Parameter analyzed for but was not detected.	X	Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Environmental Sciences Laboratory
Water Quality Data

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Biochemical Oxygen Dema	mg/L	0403	WL	09/26/2006	N001	18.00 - 18.00	5.5				0.1	-
	mg/L	0405	WL	09/28/2006	N001	18.00 - 18.00	0.2				0.1	-
	mg/L	0407	WL	09/26/2006	N001	17.00 - 17.00	8.5				0.1	-
	mg/L	0480	WL	09/25/2006	N001	18.00 - 18.00	1.8				0.1	-
	mg/L	0483	WL	09/25/2006	N001	18.00 - 18.00	5.5				0.1	-
	mg/L	0488	WL	09/25/2006	N001	26.00 - 26.00	1.9				0.1	-
	mg/L	0559	WL	09/25/2006	N001	19.00 - 19.00	7.0				0.1	-
	mg/L	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	1.2				0.1	-
	mg/L	0588	WL	09/27/2006	N001	26.00 - 26.00	2.5				0.1	-
	mg/L	0589	WL	09/27/2006	N001	44.00 - 44.00	1.3				0.1	-
	mg/L	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	2.6				0.1	-
	mg/L	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	1.6				0.1	-
	mg/L	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	4.0				0.1	-
	mg/L	0686	WL	09/28/2006	N001	18.00 - 18.00	2.0				0.1	-
	mg/L	0687	WL	09/28/2006	N001	28.00 - 28.00	0.1	U			0.1	-
	mg/L	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	1.4				0.1	-
	mg/L	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	4.4				0.1	-
	mg/L	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	1.7				0.1	-
Denitrifying Bacteria	cfu/mL	0403	WL	09/26/2006	N001	18.00 - 18.00	50000				10000	-
	cfu/mL	0405	WL	09/28/2006	N001	18.00 - 18.00	200000				10000	-
	cfu/mL	0407	WL	09/26/2006	N001	17.00 - 17.00	10000				10000	-
	cfu/mL	0480	WL	09/25/2006	N001	18.00 - 18.00	50000				10000	-
	cfu/mL	0483	WL	09/25/2006	N001	18.00 - 18.00	50000				10000	-
	cfu/mL	0488	WL	09/25/2006	N001	26.00 - 26.00	50000				10000	-
	cfu/mL	0495	WL, PZ	09/29/2006	N001	5.10 - 5.10	200000				10000	-
	cfu/mL	0559	WL	09/25/2006	N001	19.00 - 19.00	50000				10000	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Denitrifying Bacteria	cfu/mL	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	10000	U			10000	-
	cfu/mL	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	10000	U			10000	-
	cfu/mL	0588	WL	09/27/2006	N001	26.00 - 26.00	50000				10000	-
	cfu/mL	0589	WL	09/27/2006	N001	44.00 - 44.00	10000	U			10000	-
	cfu/mL	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	10000				10000	-
	cfu/mL	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	200000				10000	-
	cfu/mL	0602	WL	09/27/2006	N001	16.00 - 16.00	10000				10000	-
	cfu/mL	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	50000				10000	-
	cfu/mL	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	50000				10000	-
	cfu/mL	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	50000				10000	-
	cfu/mL	0686	WL	09/28/2006	N001	18.00 - 18.00	200000				10000	-
	cfu/mL	0687	WL	09/28/2006	N001	28.00 - 28.00	50000				10000	-
	cfu/mL	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	50000				10000	-
	cfu/mL	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	1000000				10000	-
	cfu/mL	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	200000				10000	-
	cfu/mL	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	200000				10000	-
Iron	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.03	U			0.03	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.03	U			0.03	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.11				0.03	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	0.03	U			0.03	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.03	U			0.03	-
	mg/L	0488	WL	09/25/2006	0001	26.00 - 26.00	0.03	U			0.03	-
	mg/L	0495	WL, PZ	09/29/2006	0001	5.10 - 5.10	0.09				0.03	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.03	U			0.03	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.03	U			0.03	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.03	U			0.03	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.03				0.03	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.08				0.03	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.03	U			0.03	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.09				0.03	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.04				0.03	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.06				0.03	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.03	U			0.03	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.03				0.03	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	0.06				0.03	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.05				0.03	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.03				0.03	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	0.08				0.03	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.14				0.03	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.08				0.03	-
Iron Related Bacteria	cfu/mL	0403	WL	09/26/2006	N001	18.00 - 18.00	35000				25	-
	cfu/mL	0405	WL	09/28/2006	N001	18.00 - 18.00	9000				25	-
	cfu/mL	0407	WL	09/26/2006	N001	17.00 - 17.00	35000				25	-
	cfu/mL	0480	WL	09/25/2006	N001	18.00 - 18.00	35000				25	-
	cfu/mL	0483	WL	09/25/2006	N001	18.00 - 18.00	35000				25	-
	cfu/mL	0488	WL	09/25/2006	N001	26.00 - 26.00	140000				25	-
	cfu/mL	0495	WL, PZ	09/29/2006	N001	5.10 - 5.10	540000				25	-
	cfu/mL	0559	WL	09/25/2006	N001	19.00 - 19.00	35000				25	-
	cfu/mL	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	25				25	-
	cfu/mL	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	9000				25	-
	cfu/mL	0588	WL	09/27/2006	N001	26.00 - 26.00	35000				25	-
	cfu/mL	0589	WL	09/27/2006	N001	44.00 - 44.00	150				25	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron Related Bacteria	cfu/mL	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	2300				25	-
	cfu/mL	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	35000				25	-
	cfu/mL	0602	WL	09/27/2006	N001	16.00 - 16.00	35000				25	-
	cfu/mL	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	150				25	-
	cfu/mL	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	2300				25	-
	cfu/mL	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	35000				25	-
	cfu/mL	0686	WL	09/28/2006	N001	18.00 - 18.00	140000				25	-
	cfu/mL	0687	WL	09/28/2006	N001	28.00 - 28.00	35000				25	-
	cfu/mL	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	140000				25	-
	cfu/mL	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	35000				25	-
	cfu/mL	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	35000				25	-
	cfu/mL	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	9000				25	-
Nitrifying Bacteria	cfu/mL	0403	WL	09/26/2006	N001	18.00 - 18.00	1000	U			1000	-
	cfu/mL	0405	WL	09/28/2006	N001	18.00 - 18.00	10000				1000	-
	cfu/mL	0407	WL	09/26/2006	N001	17.00 - 17.00	1000				1000	-
	cfu/mL	0480	WL	09/25/2006	N001	18.00 - 18.00	1000				1000	-
	cfu/mL	0483	WL	09/25/2006	N001	18.00 - 18.00	10000				1000	-
	cfu/mL	0488	WL	09/25/2006	N001	26.00 - 26.00	100000				1000	-
	cfu/mL	0495	WL, PZ	09/29/2006	N001	5.10 - 5.10	1000	U			1000	-
	cfu/mL	0559	WL	09/25/2006	N001	19.00 - 19.00	1000				1000	-
	cfu/mL	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	1000	U			1000	-
	cfu/mL	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	1000	U			1000	-
	cfu/mL	0588	WL	09/27/2006	N001	26.00 - 26.00	1000				1000	-
	cfu/mL	0589	WL	09/27/2006	N001	44.00 - 44.00	1000	U			1000	-
	cfu/mL	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	10000				1000	-
	cfu/mL	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	10000				1000	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrifying Bacteria	cfu/mL	0602	WL	09/27/2006	N001	16.00 - 16.00	1000				1000	-
	cfu/mL	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	100000				1000	-
	cfu/mL	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	1000	U			1000	-
	cfu/mL	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	1000	U			1000	-
	cfu/mL	0686	WL	09/28/2006	N001	18.00 - 18.00	10000				1000	-
	cfu/mL	0687	WL	09/28/2006	N001	28.00 - 28.00	1000	U			1000	-
	cfu/mL	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	100000				1000	-
	cfu/mL	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	100000				1000	-
	cfu/mL	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	1000	U			1000	-
	cfu/mL	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	100000				1000	-
Nitrite as Nitrogen	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.005	U			0.005	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.015				0.005	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.005	U			0.005	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	0.012				0.005	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.005				0.005	-
	mg/L	0488	WL	09/25/2006	0001	26.00 - 26.00	0.023				0.005	-
	mg/L	0495	WL, PZ	09/29/2006	0001	5.10 - 5.10	0.23				0.005	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.005	U			0.005	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.005	U			0.005	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.005	U			0.005	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.010				0.005	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.016				0.005	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.412				0.005	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.282				0.005	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.033				0.005	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.351				0.005	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrite as Nitrogen	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.009				0.005	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.005	U			0.005	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	0.019				0.005	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.028				0.005	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.196				0.005	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	1.04				0.005	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.008				0.005	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.99				0.005	-
ortho-Phosphate	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.3	U			0.3	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.4				0.3	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.3	U			0.3	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	3.2				0.3	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.3	U			0.3	-
	mg/L	0488	WL	09/25/2006	0001	26.00 - 26.00	0.3	U			0.3	-
	mg/L	0495	WL, PZ	09/29/2006	0001	5.10 - 5.10	2.6				0.3	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	4.8				0.3	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.3	U			0.3	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.3	U			0.3	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.3	U			0.3	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.3	U			0.3	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.4				0.3	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.6				0.3	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.6				0.3	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.3	U			0.3	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.3	U			0.3	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.5				0.3	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
ortho-Phosphate	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	1.7				0.3	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.3	U			0.3	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.5				0.3	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	0.3	U			0.3	-
	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.3	U			0.3	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.3	U			0.3	-
Sulfate Reducing Bacteria	cfu/mL	0403	WL	09/26/2006	N001	18.00 - 18.00	18000				200	-
	cfu/mL	0405	WL	09/28/2006	N001	18.00 - 18.00	100000				200	-
	cfu/mL	0407	WL	09/26/2006	N001	17.00 - 17.00	18000				200	-
	cfu/mL	0480	WL	09/25/2006	N001	18.00 - 18.00	100000				200	-
	cfu/mL	0483	WL	09/25/2006	N001	18.00 - 18.00	700000				200	-
	cfu/mL	0488	WL	09/25/2006	N001	26.00 - 26.00	700000				200	-
	cfu/mL	0495	WL, PZ	09/29/2006	N001	5.10 - 5.10	700000				200	-
	cfu/mL	0559	WL	09/25/2006	N001	19.00 - 19.00	700000				200	-
	cfu/mL	0563	WL, PZ	09/25/2006	N001	5.10 - 5.10	1200				200	-
	cfu/mL	0565	WL, PZ	09/26/2006	N001	4.50 - 4.50	1200				200	-
	cfu/mL	0588	WL	09/27/2006	N001	26.00 - 26.00	700000				200	-
	cfu/mL	0589	WL	09/27/2006	N001	44.00 - 44.00	500				200	-
	cfu/mL	0591	WL, PZ	09/26/2006	N001	4.40 - 4.40	100000				200	-
	cfu/mL	0597	WL, PZ	09/28/2006	N001	9.80 - 9.80	700000				200	-
	cfu/mL	0602	WL	09/27/2006	N001	16.00 - 16.00	100000				200	-
	cfu/mL	0603	WL, PZ	09/26/2006	N001	9.70 - 9.70	1200				200	-
	cfu/mL	0606	WL, PZ	09/25/2006	N001	9.80 - 9.80	5000				200	-
	cfu/mL	0607	WL, PZ	09/25/2006	N001	10.10 - 10.10	5000				200	-
	cfu/mL	0686	WL	09/28/2006	N001	18.00 - 18.00	700000				200	-
	cfu/mL	0687	WL	09/28/2006	N001	28.00 - 28.00	100000				200	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate Reducing Bacteria	cfu/mL	0691	WL, PZ	09/27/2006	N001	4.90 - 4.90	700000				200	-
	cfu/mL	0692	WL, PZ	09/27/2006	N001	9.60 - 9.60	700000				200	-
	cfu/mL	0694	WL, PZ	09/27/2006	N001	4.30 - 4.30	700000				200	-
	cfu/mL	0695	WL, PZ	09/27/2006	N001	9.80 - 9.80	100000				200	-
Sulfide	mg/L	0403	WL	09/26/2006	0001	18.00 - 18.00	0.01	U			0.01	-
	mg/L	0405	WL	09/28/2006	0001	18.00 - 18.00	0.01				0.01	-
	mg/L	0407	WL	09/26/2006	0001	17.00 - 17.00	0.01				0.01	-
	mg/L	0480	WL	09/25/2006	0001	18.00 - 18.00	0.01	U			0.01	-
	mg/L	0483	WL	09/25/2006	0001	18.00 - 18.00	0.01	U			0.01	-
	mg/L	0488	WL	09/25/2006	0001	26.00 - 26.00	0.01				0.01	-
	mg/L	0495	WL, PZ	09/29/2006	0001	5.10 - 5.10	0.02				0.01	-
	mg/L	0559	WL	09/25/2006	0001	19.00 - 19.00	0.01	U			0.01	-
	mg/L	0563	WL, PZ	09/25/2006	0001	5.10 - 5.10	0.01	U			0.01	-
	mg/L	0565	WL, PZ	09/26/2006	0001	4.50 - 4.50	0.01				0.01	-
	mg/L	0588	WL	09/27/2006	0001	26.00 - 26.00	0.01	U			0.01	-
	mg/L	0589	WL	09/27/2006	0001	44.00 - 44.00	0.01				0.01	-
	mg/L	0591	WL, PZ	09/26/2006	0001	4.40 - 4.40	0.01	U			0.01	-
	mg/L	0597	WL, PZ	09/28/2006	0001	9.80 - 9.80	0.01				0.01	-
	mg/L	0602	WL	09/27/2006	0001	16.00 - 16.00	0.01				0.01	-
	mg/L	0603	WL, PZ	09/26/2006	0001	9.70 - 9.70	0.01	U			0.01	-
	mg/L	0606	WL, PZ	09/25/2006	0001	9.80 - 9.80	0.01				0.01	-
	mg/L	0607	WL, PZ	09/25/2006	0001	10.10 - 10.10	0.01				0.01	-
	mg/L	0686	WL	09/28/2006	0001	18.00 - 18.00	0.01				0.01	-
	mg/L	0687	WL	09/28/2006	0001	28.00 - 28.00	0.01				0.01	-
	mg/L	0691	WL, PZ	09/27/2006	0001	4.90 - 4.90	0.01	U			0.01	-
	mg/L	0692	WL, PZ	09/27/2006	0001	9.60 - 9.60	0.01	U			0.01	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:43 pm

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfide	mg/L	0694	WL, PZ	09/27/2006	0001	4.30 - 4.30	0.01	U			0.01	-
	mg/L	0695	WL, PZ	09/27/2006	0001	9.80 - 9.80	0.01	U			0.01	-

RECORDS: SELECTED FROM USEE200 WHERE site_code='MOA01' AND (quality_assurance IS NULL OR quality_assurance = FALSE) AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%N%' AND data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND DATE_SAMPLED between #9/4/2006# and #9/30/2006#

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: WL WELL

LOCATION SUBTYPES: PZ Piezometer

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

F	Low flow sampling method used.	G	Possible grout contamination, pH > 9.	J	Estimated value.
L	Less than 3 bore volumes purged prior to sampling.	N	Presumptive evidence that analyte is present. The analyte is "tentatively identified".	Q	Qualitative result due to sampling technique
R	Unusable result.	U	Parameter analyzed for but was not detected.	X	Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Water Level Data

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:44 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
0402	O	3968.63	09/18/2006	11:20	16.12	3952.51	
0403	O	3968.95	09/26/2006	09:10	16.50	3952.45	
0404	O	3968.30	09/06/2006	11:03	15.56	3952.74	
0405	O	3968.47	09/28/2006	13:44	14.65	3953.82	
0407	O	3969.09	09/26/2006	08:03	16.83	3952.26	
0408	O	3969.17	09/07/2006	08:57	16.39	3952.78	
0470		3964.12	09/12/2006	08:36	13.20	3950.92	
0471		3964.37	09/12/2006	08:42	13.72	3950.65	
0472		3964.40	09/12/2006	08:50	13.14	3951.26	
0473		3964.66	09/12/2006	08:57	13.75	3950.91	
0474		3964.99	09/12/2006	09:09	13.25	3951.74	
0475		3964.97	09/12/2006	09:16	14.49	3950.48	
0476		3965.24	09/12/2006	09:24	15.45	3949.79	
0477		3965.08	09/12/2006	09:32	13.81	3951.27	
0478		3964.91	09/12/2006	09:43	14.05	3950.86	
0479		3964.67	09/12/2006	09:50	14.06	3950.61	
0480		3968.65	09/05/2006	14:25	16.88	3951.77	
		3968.65	09/25/2006	15:03	16.64	3952.01	
0481		3968.83	09/05/2006	15:00	16.67	3952.16	
0482		3968.70	09/05/2006	15:33	17.30	3951.40	
0483		3968.90	09/25/2006	15:54	16.83	3952.07	
0484		3969.19	09/05/2006	11:48	17.22	3951.97	
0485		3968.81	09/05/2006	11:15	16.95	3951.86	
0488		3968.48	09/18/2006	08:21	14.64	3953.84	
		3968.48	09/28/2006	11:10	14.62	3953.86	
0493		3967.89	09/18/2006	08:57	14.26	3953.63	
0494		3959.27	09/13/2006	14:40		-	D
0495		3957.81	09/28/2006	14:55	6.08	3951.73	
0496		3957.48	09/13/2006	15:13	3.67	3953.81	
0497		3955.66	09/13/2006	15:05	6.48	3949.18	

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:44 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
0548		-	09/20/2006	08:45	3.00	-	
0557		3968.85	09/05/2006	16:00	16.35	3952.50	
0558		3968.79	09/05/2006	10:48	16.94	3951.85	
0559		3969.92	09/25/2006	16:40	17.38	3952.54	
0560		3968.77	09/05/2006	10:12	16.65	3952.12	
0561		3968.56	09/05/2006	09:18	17.07	3951.49	
0562		3956.29	09/11/2006	08:15	2.00	3954.29	
0563		3955.05	09/25/2006	08:50	2.88	3952.17	
0564		3956.39	09/11/2006	09:30	3.90	3952.49	
0565		3954.05	09/25/2006	12:07	2.73	3951.32	
0570		3965.22	09/12/2006	14:36	24.93	3940.29	
0571		3964.89	09/12/2006	14:27	11.39	3953.50	
0572		3965.14	09/12/2006	14:12	26.75	3938.39	
0573		3965.15	09/12/2006	14:01	8.90	3956.25	
0575		3965.01	09/12/2006	13:52	9.65	3955.36	
0576		3965.15	09/12/2006	11:45	12.26	3952.89	
0577		3965.10	09/12/2006	11:35	16.95	3948.15	
0580		3969.32	09/18/2006	16:02	17.13	3952.19	
0581		3969.02	09/18/2006	14:34	16.56	3952.46	
0582		3969.65	09/18/2006	15:15	17.07	3952.58	
0584		3969.13	09/18/2006	10:40	16.35	3952.78	
0585		3969.36	09/07/2006	10:09	16.62	3952.74	
0586		3969.20	09/07/2006	08:20	16.25	3952.95	
0587		3968.89	09/18/2006	09:50	16.18	3952.71	
0588		3968.82	09/07/2006	11:04	16.93	3951.89	
		3968.82	09/27/2006	08:09	16.20	3952.62	
0589		3968.87	09/18/2006	16:50	15.85	3953.02	
		3968.87	09/27/2006	08:56	15.83	3953.04	
0590		3956.70	09/11/2006	14:14	3.11	3953.59	
0591		3953.99	09/26/2006	11:54	2.24	3951.75	

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:44 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
0596		3968.76	09/05/2006	09:49	16.65	3952.11	
0597		3959.67	09/28/2006	14:45	5.30	3954.37	
0598		3957.38	09/13/2006	14:47	3.30	3954.08	
0599		3955.93	09/13/2006	15:43	2.93	3953.00	
0600		3968.77	09/18/2006	13:47	16.34	3952.43	
0601		3968.73	09/07/2006	09:36	16.02	3952.71	
0602		3969.40	09/27/2006	07:54	16.69	3952.71	
0603		3955.39	09/26/2006	11:23	2.15	3953.24	
0604		3958.11	09/26/2006	16:06	5.33	3952.78	
0605		3956.10	09/11/2006	13:15	3.86	3952.24	
0606		3956.13	09/25/2006	09:10	2.89	3953.24	
0607		3955.20	09/25/2006	11:22	5.28	3949.92	
0608		3956.34	09/11/2006	08:35	3.00	3953.34	
0611		3955.90	09/11/2006	09:11	2.79	3953.11	
0612		3955.77	09/11/2006	09:00	2.32	3953.45	
0613		3957.11	09/11/2006	14:00	3.97	3953.14	
0614		3955.33	09/26/2006	16:15	5.50	3949.83	
0615		3957.10	09/11/2006	13:30	3.75	3953.35	
0616		3955.26	09/11/2006	13:58	2.88	3952.38	
0617		3956.76	09/13/2006	15:52	2.31	3954.45	
0618		3954.96	09/13/2006	15:30	1.62	3953.34	
0670		3969.54	09/13/2006	08:33	17.22	3952.32	
0671		3969.50	09/13/2006	08:40	17.62	3951.88	
0672		3969.57	09/13/2006	08:45	18.02	3951.55	
0673		3969.44	09/13/2006	09:00	18.09	3951.35	
0674		3969.49	09/13/2006	09:05	17.81	3951.68	
0675		3969.64	09/13/2006	09:15	17.52	3952.12	
0676		3969.69	09/13/2006	09:22	17.11	3952.58	
0677		3969.61	09/13/2006	09:28	16.97	3952.64	
0678		3969.65	09/13/2006	09:37	16.81	3952.84	

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:44 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
0679		3969.59	09/13/2006	09:42	16.74	3952.85	
0682		3970.18	09/06/2006	14:52	17.30	3952.88	
0683		3970.73	09/06/2006	14:10	17.61	3953.12	
0686		3968.85	09/28/2006	09:00	18.03	3950.82	
0687		3969.09	09/28/2006	08:25	16.73	3952.36	
0688		3968.66	09/06/2006	10:10	16.49	3952.17	
0689		3968.66	09/06/2006	08:28	16.30	3952.36	
0690		3958.92	09/11/2006	09:00	6.00	3952.92	
0691		3959.21	09/27/2006	16:28	5.70	3953.51	
0692		3959.43	09/27/2006	16:33	5.41	3954.02	
0693		3957.31	09/11/2006	14:55	3.61	3953.70	
0694		3956.83	09/27/2006	10:17	3.40	3953.43	
0695		3956.42	09/27/2006	10:34	3.44	3952.98	
0696		3957.18	09/11/2006	15:20	3.00	3954.18	
0697		3956.12	09/11/2006	15:28	2.27	3953.85	
0698		3956.01	09/11/2006	15:37	5.84	3950.17	
0770		-	09/14/2006	11:35	17.03	-	
0772		-	09/14/2006	11:40	17.39	-	
0774		-	09/14/2006	11:50	16.89	-	
0776		-	09/14/2006	11:55	17.45	-	
0778		-	09/14/2006	12:00	17.74	-	
0780		-	09/29/2006	09:36	16.54	-	
0781		-	09/29/2006	09:01	16.65	-	
0782		-	09/20/2006	11:39	16.27	-	
0786		-	09/29/2006	10:36	16.23	-	
0787		-	09/29/2006	10:08	16.50	-	
0790		-	09/15/2006	08:37	3.02	-	
0791		-	09/15/2006	08:25	2.63	-	
0792		-	09/15/2006	07:50	2.66	-	
0793		-	09/15/2006	09:18	2.65	-	

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site
REPORT DATE: 11/27/2006 1:44 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
0794		-	09/15/2006	09:13	3.64	-	
0795		-	09/15/2006	09:10	10.75	-	
SMI-PW01	O	3968.45	09/15/2006	13:10	14.46	3953.99	
SMI-PZ1D2	O	3968.26	09/15/2006	12:47	15.20	3953.06	
SMI-PZ1M	O	3968.29	09/15/2006	12:25	14.32	3953.97	
SMI-PZ1S	O	3969.13	09/15/2006	12:08	15.24	3953.89	

RECORDS: SELECTED FROM USEE700 WHERE site_code='MOA01' AND LOG_DATE between #9/4/2006# and #9/30/2006#

FLOW CODES: O ON-SITE

WATER LEVEL FLAGS:
D Dry

Blanks Report

BLANKS REPORT
LAB CODE: MSP, MICROSEEPS LABORATORY (Pittsburgh, PA)
LAB REQUISITION(S): 06080474
REPORT DATE: 11/27/06 10:22:36: AM

PARAMETER	SITE CODE	LOCATION ID	SAMPLE DATE	SAMPLE ID	UNITS	RESULT	QUALIFIERS LAB	QUALIFIERS DATA	DETECTION LIMIT	UNCERTAINTY	SAMPLE TYPE
Carbon Dioxide	MOA01	0999	09/29/2006	N001	mg/L	1.8	J		0.39		E
Dissolved Oxygen	MOA01	0999	09/29/2006	N001	mg/L	8			0.05		E
Iron (II)	MOA01	0999	09/29/2006	N001	mg/L	1	U		0.1		E
Manganese (II)	MOA01	0999	09/29/2006	N001	mg/L	1	U		0.1		E
Methane	MOA01	0999	09/29/2006	N001	ug/L	0.65			0.014		E
Nitrogen, Total	MOA01	0999	09/29/2006	N001	mg/L	13			0.1		E

BLANKS REPORT
LAB CODE: STS, SEVERN TRENT ST. LOUIS (Earth City, MO)
LAB REQUISITION(S): 06080473
REPORT DATE: 11/27/06 10:13:09: AM

PARAMETER	SITE CODE	LOCATION ID	SAMPLE DATE	SAMPLE ID	UNITS	RESULT	QUALIFIERS LAB	QUALIFIERS DATA	DETECTION LIMIT	UNCERTAINTY	SAMPLE TYPE
Ammonia Total as N	MOA01	0999	09/29/2006	0001	mg/L	0.0055	U		0.0055		E
Bromide	MOA01	0999	09/29/2006	0001	mg/L	0.05	U		0.05		E
Chemical Oxygen Demand	MOA01	0999	09/29/2006	0001	mg/L	9.2	U	J	9.2		E
Chloride	MOA01	0999	09/29/2006	0001	mg/L	0.14	B J	U	0.023		E
Dissolved Organic Carbon	MOA01	0999	09/29/2006	N001	mg/L	0.47	U		0.47		E
Iron	MOA01	0999	09/29/2006	0001	mg/L	0.025	U		0.025		E
Manganese	MOA01	0999	09/29/2006	0001	mg/L	0.0068	UN		0.0068		E
Nitrate + Nitrite as Nitrogen	MOA01	0999	09/29/2006	0001	mg/L	0.0031	U	J	0.0031		E
Phosphorus	MOA01	0999	09/29/2006	0001	mg/L	0.0101	U		0.0101		E
Selenium	MOA01	0999	09/29/2006	0001	mg/L	0.001	UN	J	0.001		E
Sulfate	MOA01	0999	09/29/2006	0001	mg/L	0.51			0.05		E
Total Dissolved Solids	MOA01	0999	09/29/2006	0001	mg/L	92			3.5		E
Total Inorganic Carbon	MOA01	0999	09/29/2006	0001	mg/L	0.22	U	J	0.22		E
Total Kjeldahl Nitrogen	MOA01	0999	09/29/2006	0001	mg/L	101			0.058		E
Total Organic Carbon	MOA01	0999	09/29/2006	N001	mg/L	0.47	U		0.47		E
Uranium	MOA01	0999	09/29/2006	0001	mg/L	0.0042	UN	J	0.0042		E

BLANKS REPORT
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
REPORT DATE: 11/17/06 11:39:42: AM

PARAMETER	SITE CODE	LOCATION ID	SAMPLE DATE	SAMPLE ID	UNITS	RESULT	QUALIFIERS LAB	QUALIFIERS DATA	DETECTION LIMIT	UNCERTAINTY	SAMPLE TYPE
Ammonia Total as N	MOA01	0999	09/12/2006	0001	mg/L	0.1	U		0.1		E
Ammonia Total as N	MOA01	0999	09/15/2006	0001	mg/L	0.1	U		0.1		E
Ammonia Total as N	MOA01	0999	09/19/2006	0001	mg/L	0.1	U		0.1		E
Ammonia Total as N	MOA01	0999	09/20/2006	0001	mg/L	0.1	U		0.1		E
Ammonia Total as N	MOA01	0999	09/20/2006	0002	mg/L	0.1	U		0.1		E
Bromide	MOA01	0999	09/12/2006	0001	mg/L	0.2	U		0.2		E
Bromide	MOA01	0999	09/15/2006	0001	mg/L	0.2	U		0.2		E
Bromide	MOA01	0999	09/19/2006	0001	mg/L	0.2	U		0.2		E
Bromide	MOA01	0999	09/20/2006	0001	mg/L	0.2	U		0.2		E
Bromide	MOA01	0999	09/20/2006	0002	mg/L	0.2	U		0.2		E
Chloride	MOA01	0999	09/12/2006	0001	mg/L	0.2	U		0.2		E
Chloride	MOA01	0999	09/15/2006	0001	mg/L	0.2	U		0.2		E
Chloride	MOA01	0999	09/19/2006	0001	mg/L	0.2	U		0.2		E
Chloride	MOA01	0999	09/20/2006	0001	mg/L	0.64			0.2		E
Chloride	MOA01	0999	09/20/2006	0002	mg/L	0.33			0.2		E
Sulfate	MOA01	0999	09/12/2006	0001	mg/L	0.5	U		0.5		E
Sulfate	MOA01	0999	09/15/2006	0001	mg/L	0.5	U		0.5		E
Sulfate	MOA01	0999	09/19/2006	0001	mg/L	0.5	U		0.5		E
Sulfate	MOA01	0999	09/20/2006	0001	mg/L	0.64			0.5		E
Sulfate	MOA01	0999	09/20/2006	0002	mg/L	0.53			0.5		E
Total Dissolved Solids	MOA01	0999	09/12/2006	0001	mg/L	20	U		20		E
Total Dissolved Solids	MOA01	0999	09/15/2006	0001	mg/L	20	U		20		E
Total Dissolved Solids	MOA01	0999	09/19/2006	0001	mg/L	20	U		20		E
Total Dissolved Solids	MOA01	0999	09/20/2006	0001	mg/L	20	U		20		E

BLANKS REPORT
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
REPORT DATE: 11/17/06 11:39:43: AM

PARAMETER	SITE CODE	LOCATION ID	SAMPLE DATE	SAMPLE ID	UNITS	RESULT	QUALIFIERS LAB	QUALIFIERS DATA	DETECTION LIMIT	UNCERTAINTY	SAMPLE TYPE
Total Dissolved Solids	MOA01	0999	09/20/2006	0002	mg/L	20	U		20		E
Uranium	MOA01	0999	09/12/2006	0001	mg/L	0.000092	B	U	0.0000048		E
Uranium	MOA01	0999	09/15/2006	0001	mg/L	0.000055	B	U	0.0000048		E
Uranium	MOA01	0999	09/19/2006	0001	mg/L	0.000054	B	U	0.0000048		E
Uranium	MOA01	0999	09/20/2006	0001	mg/L	0.000045	B	U	0.0000048		E
Uranium	MOA01	0999	09/20/2006	0002	mg/L	0.000048	B	U	0.0000048		E

BLANKS REPORT
LAB CODE: PAR, PARAGON (Fort Collins, CO)
LAB REQUISITION(S): 06080472
REPORT DATE: 11/17/06 11:39:43: AM

PARAMETER	SITE CODE	LOCATION ID	SAMPLE DATE	ID	UNITS	RESULT	QUALIFIERS LAB	QUALIFIERS DATA	DETECTION LIMIT	UNCERTAINTY	SAMPLE TYPE

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
C	Pesticide result confirmed by GC-MS.
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
D	Analyte determined in diluted sample.
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
>	Result above upper detection limit.
J	Estimated

DATA QUALIFIERS:

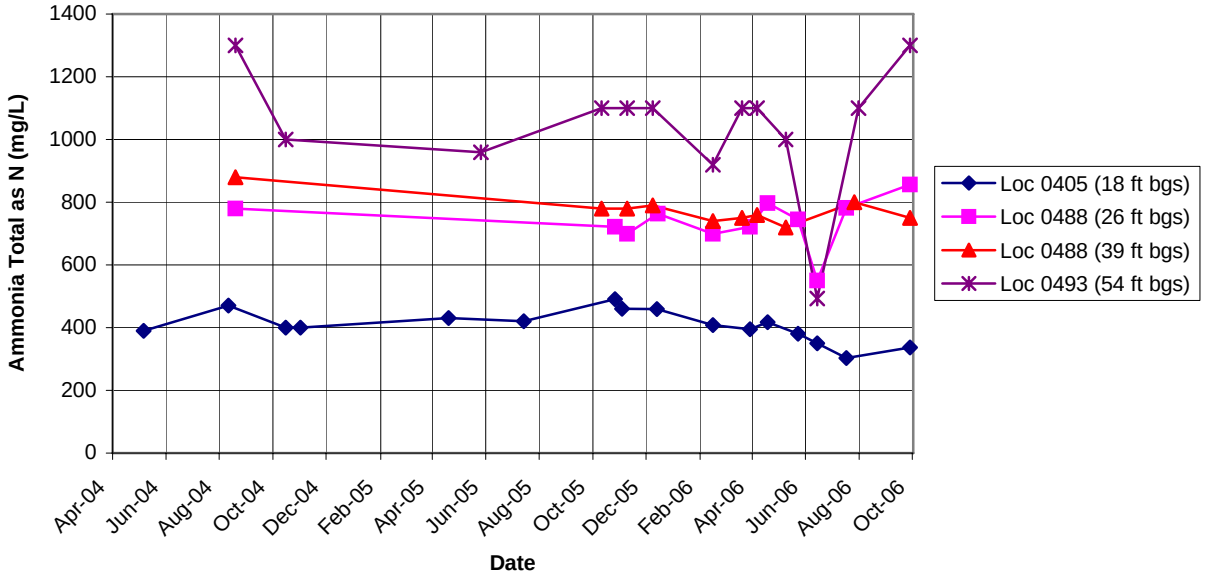
J	Estimated value.	F	Low flow sampling method used.	G	Possible grout contamination, pH > 9.
L	Less than 3 bore volumes purged prior to sampling.	R	Unusable result.	X	Location is undefined.
U	Parameter analyzed for but was not detected.	Q	Qualitative result due to sampling technique	N	Presumptive evidence that analyte is present. The analyte is "tentatively identified".

SAMPLE TYPES:

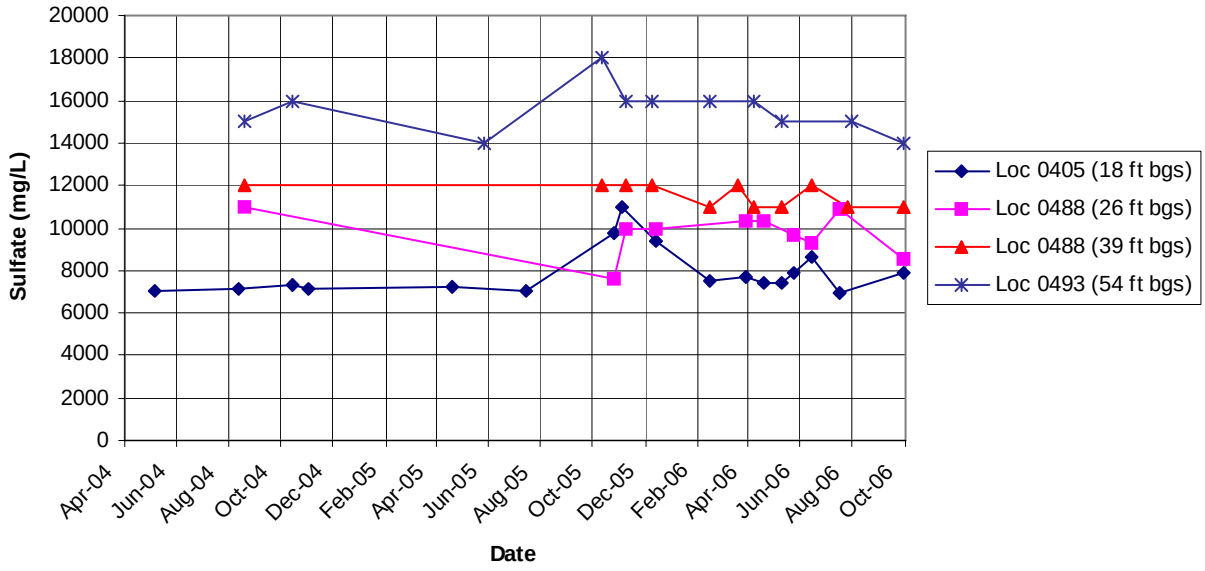
E	EQUIPMENT BLANK

Time Versus Concentration Graphs

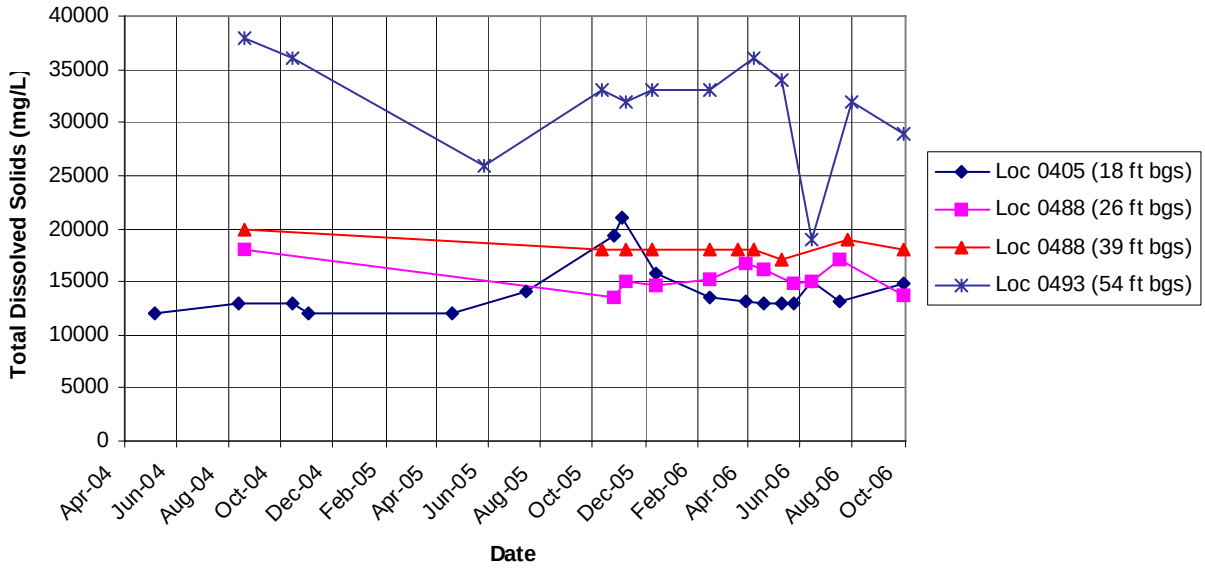
Moab Site
Baseline Area
Ammonia Total as N Concentration



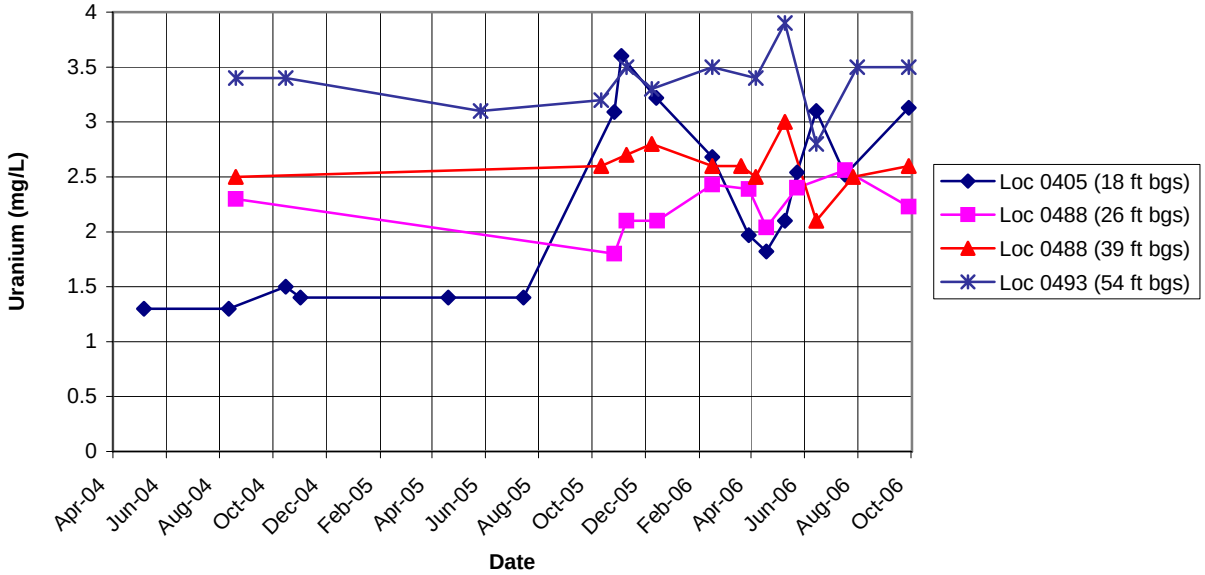
Moab Site
Baseline Area
Sulfate Concentration



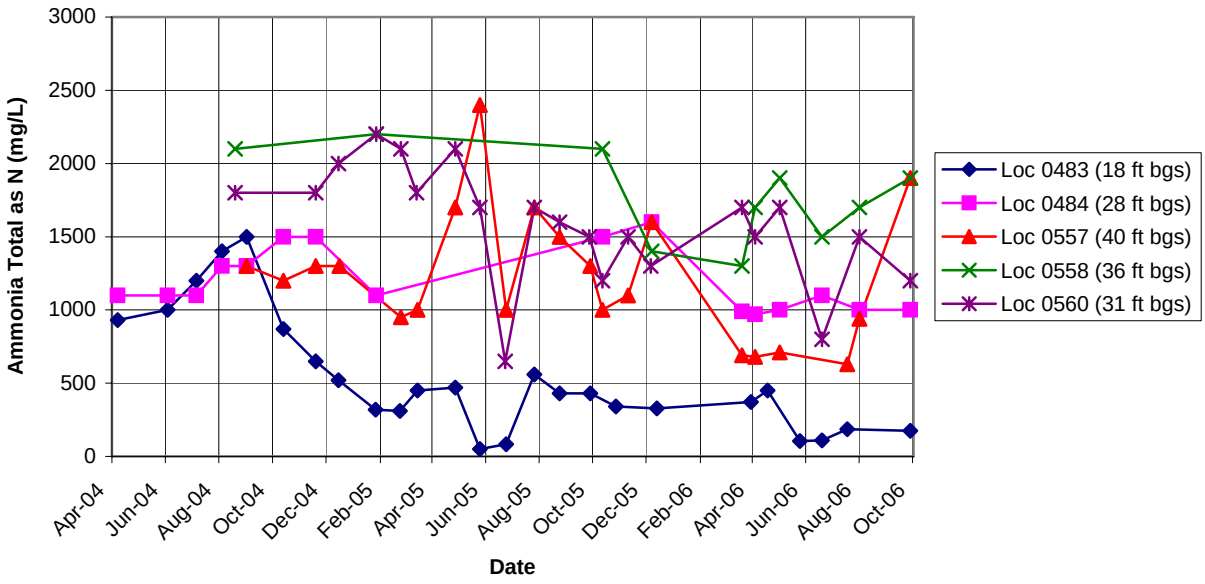
Moab Site
Baseline Area
Total Dissolved Solids Concentration



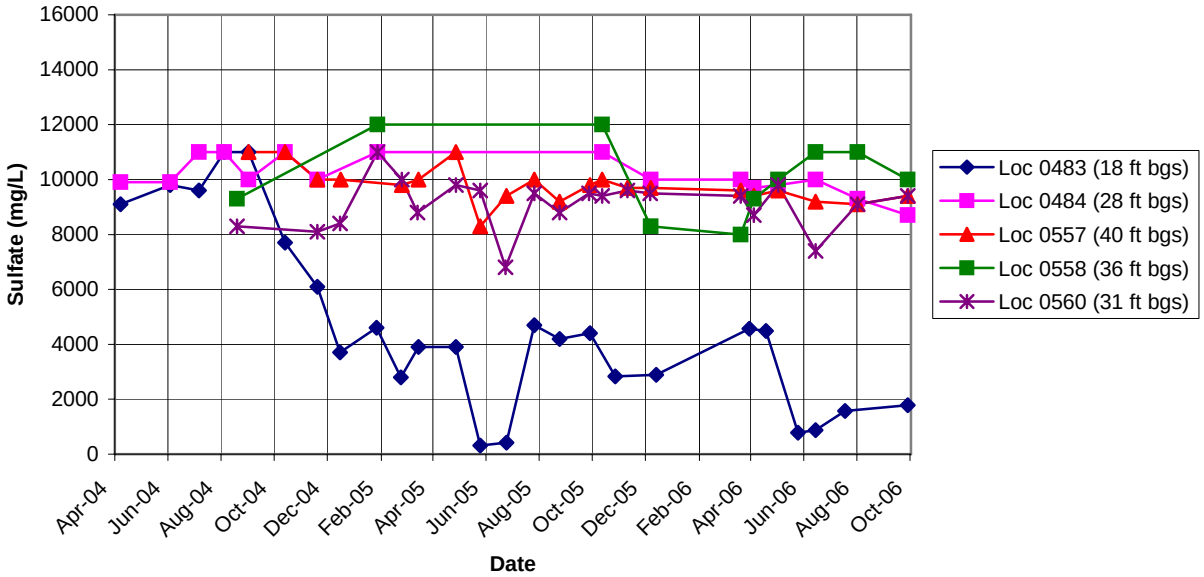
Moab Site
Baseline Area
Uranium Concentration



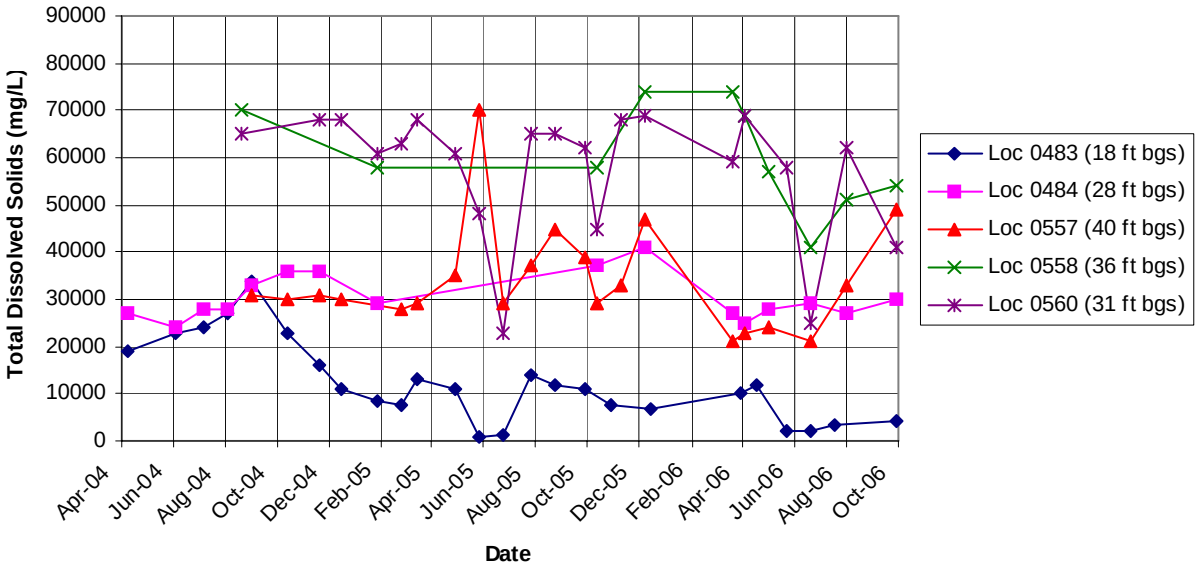
Moab Site
Configuration 1 Observation Wells
Ammonia Total as N



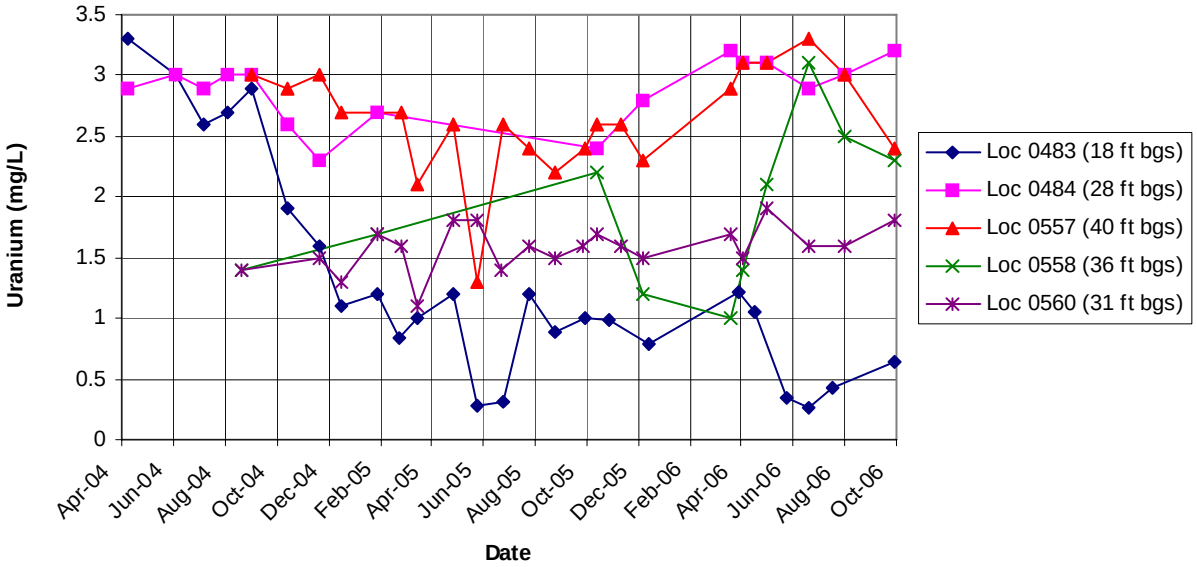
Moab Site
Configuration 1 Observation Wells
Sulfate



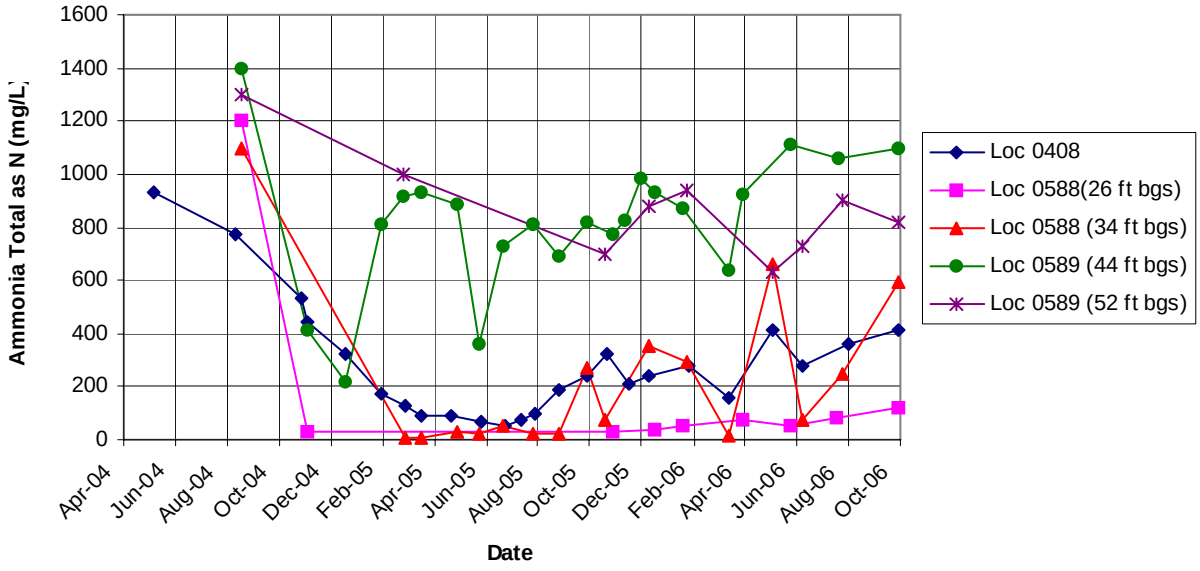
Moab Site
Configuration 1 Observation Wells
Total Dissolved Solids



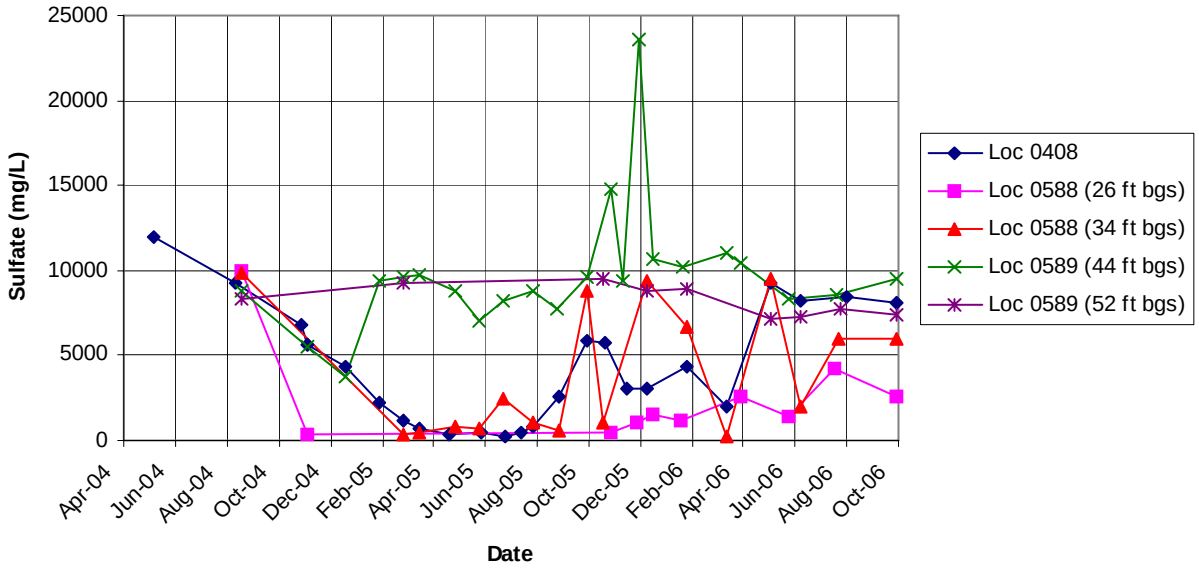
Moab Site
Configuration 1 Observation Wells
Uranium



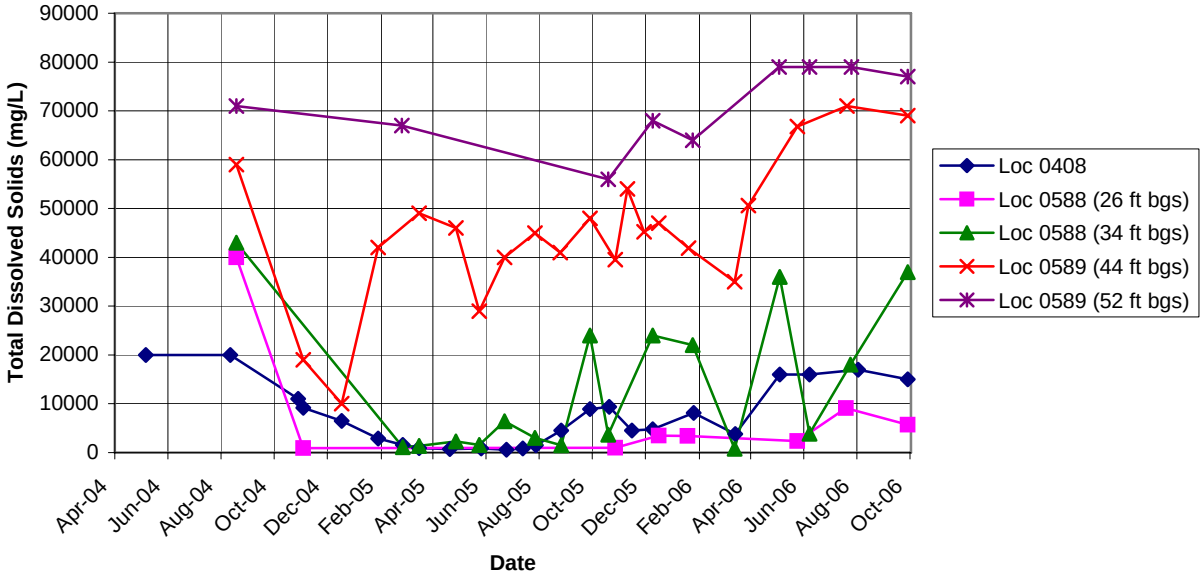
Moab Site
Configuration 2 Well Field
Ammonia Total as N Concentration



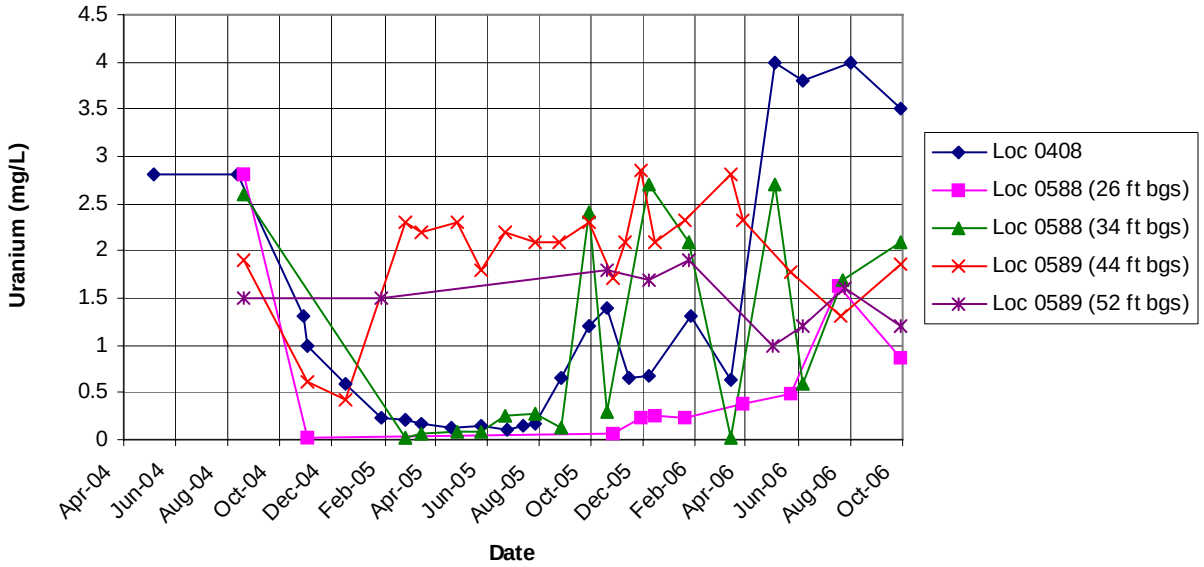
Moab Site
Configuration 2 Well Field
Sulfate Concentration



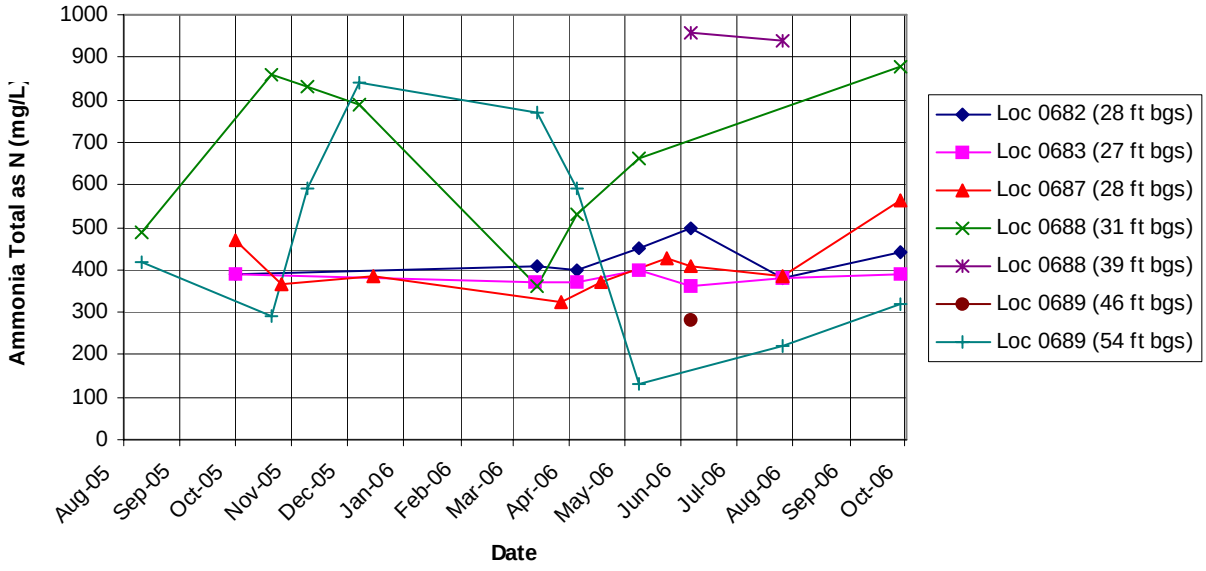
Moab Site
Configuration 2 Well Field
Total Dissolved Solids Concentration



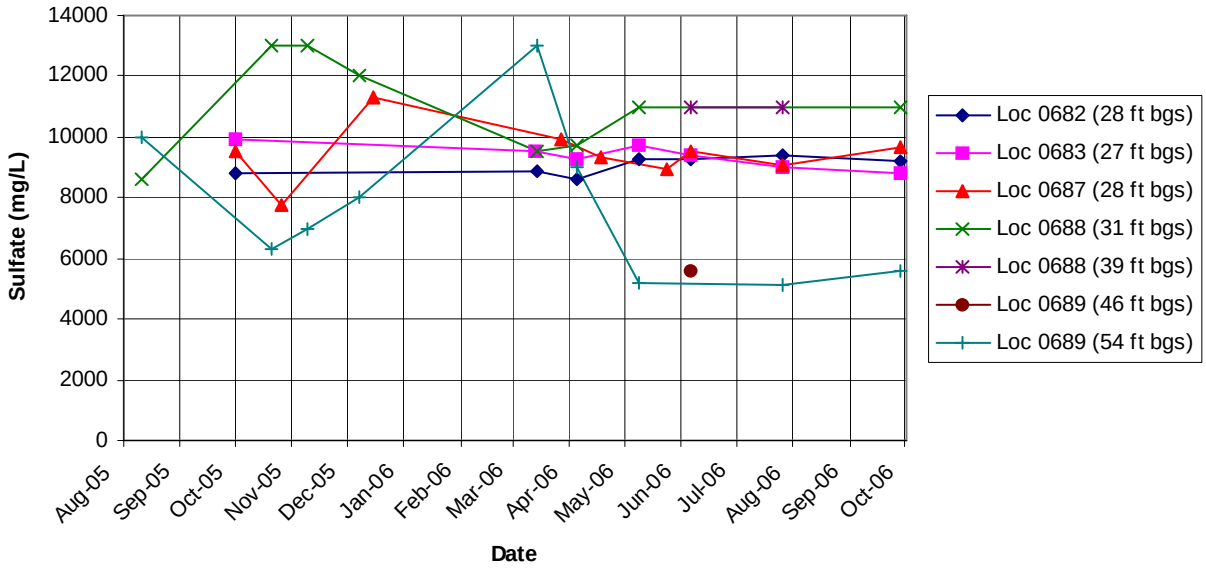
Moab Site
Configuration 2 Well Field
Uranium Concentration



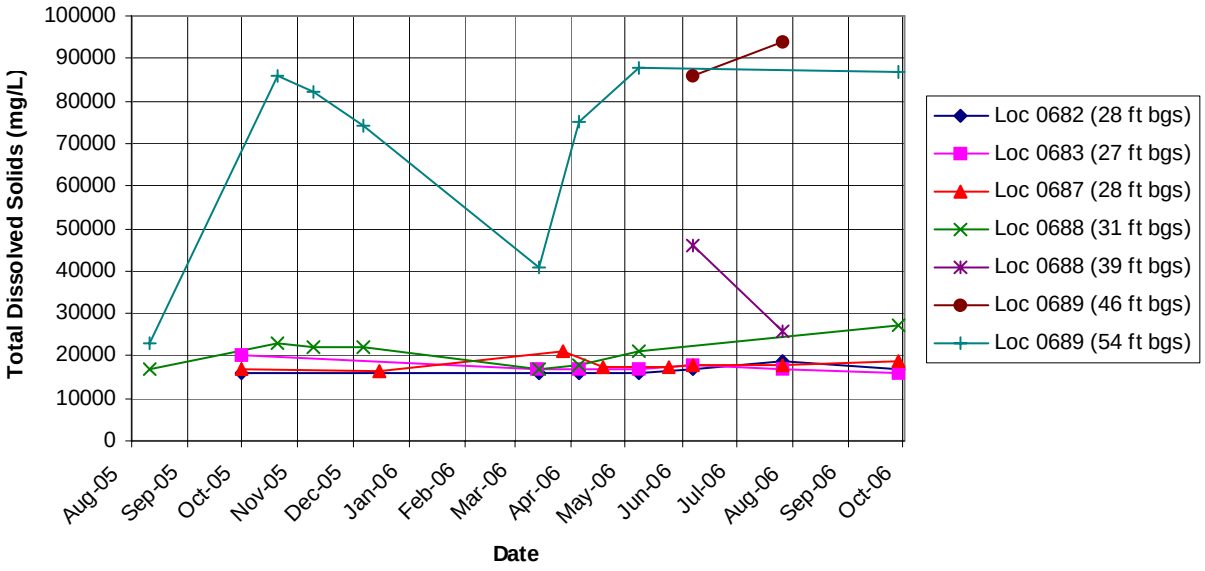
Moab Site
Configuration 3 Observation Wells
Ammonia Total as N



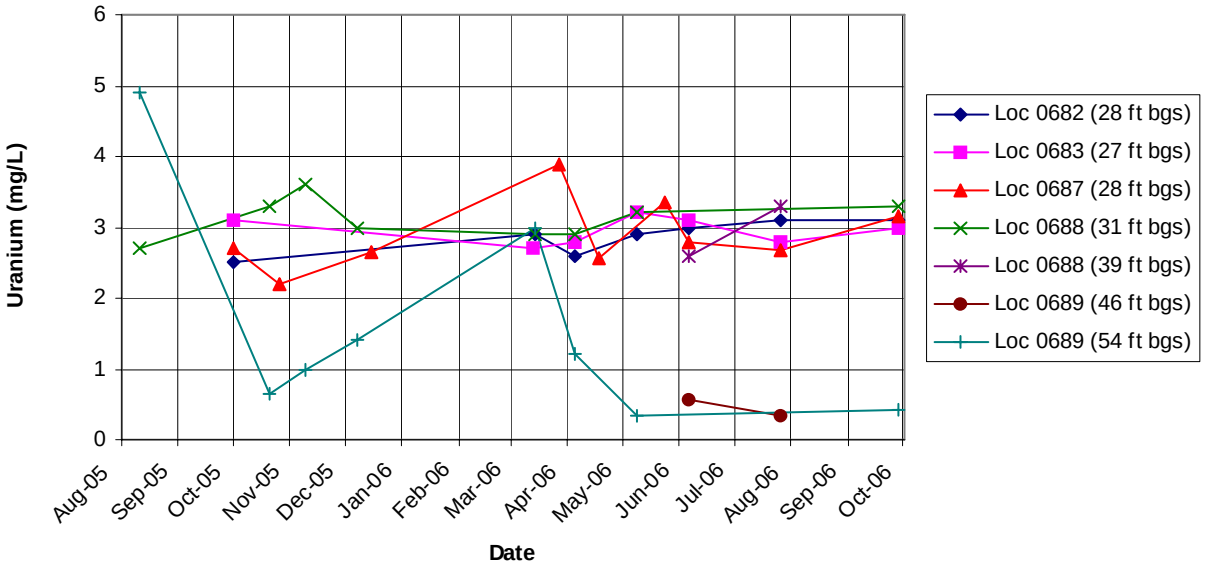
Moab Site
Configuration 3 Observation Wells
Sulfate



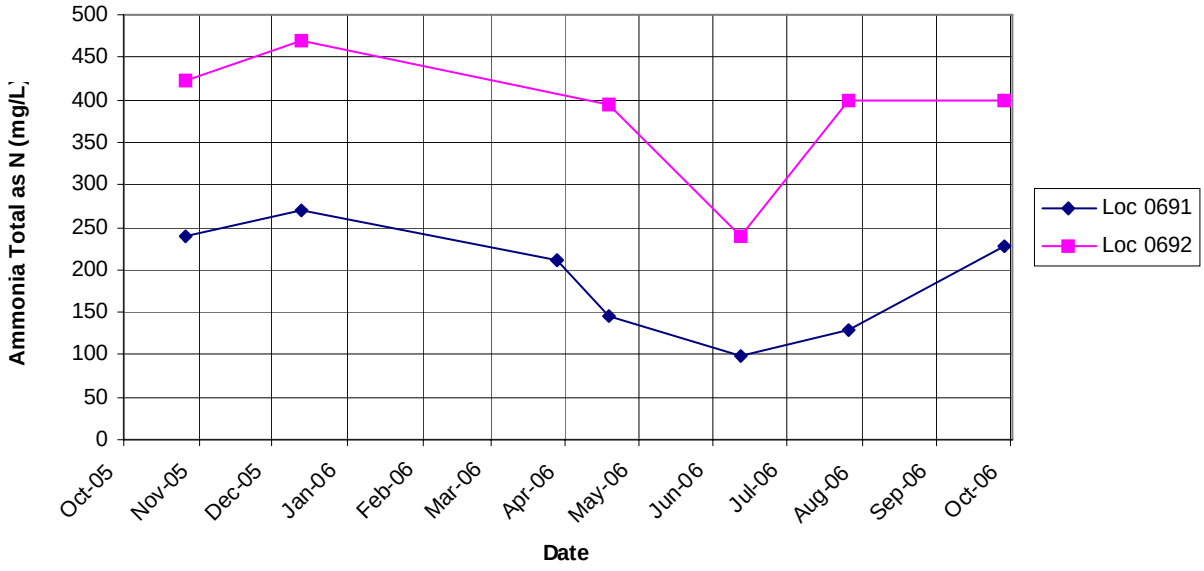
Moab Site
Configuration 3 Observation Wells
Total Dissolved Solids



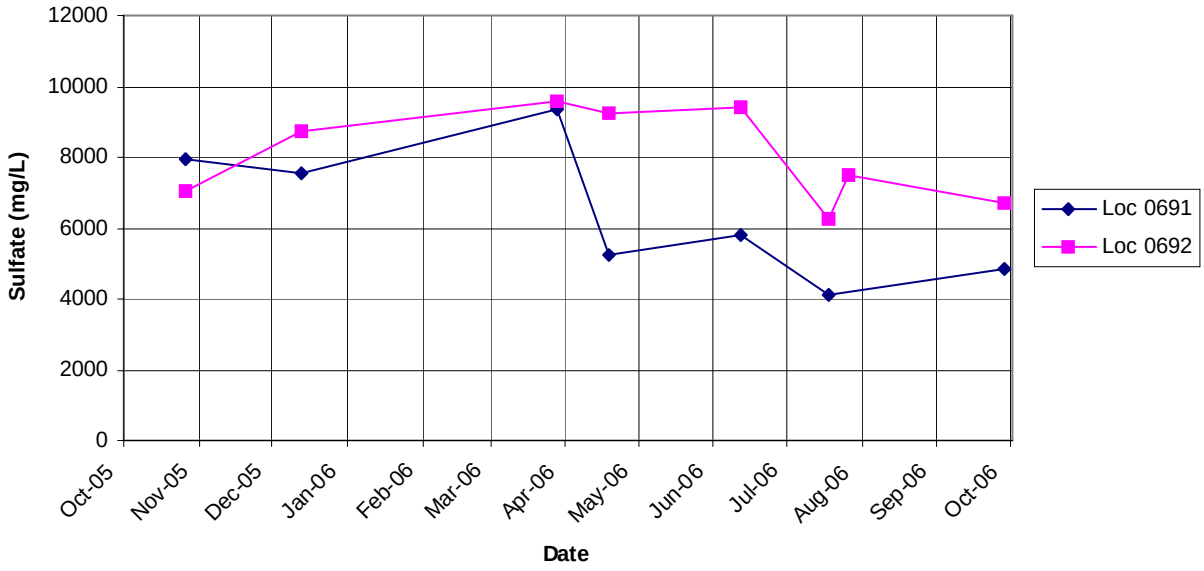
Moab Site
Configuration 3 Observation Wells
Uranium



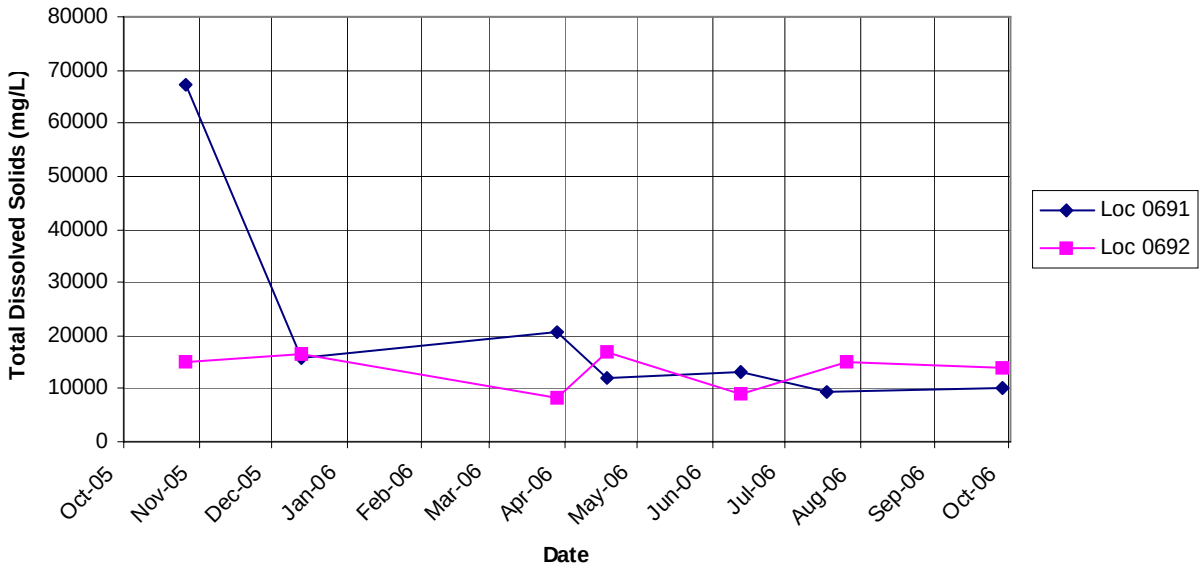
Moab Site
Configuration 3 Piezometers
Ammonia Total as N Concentration



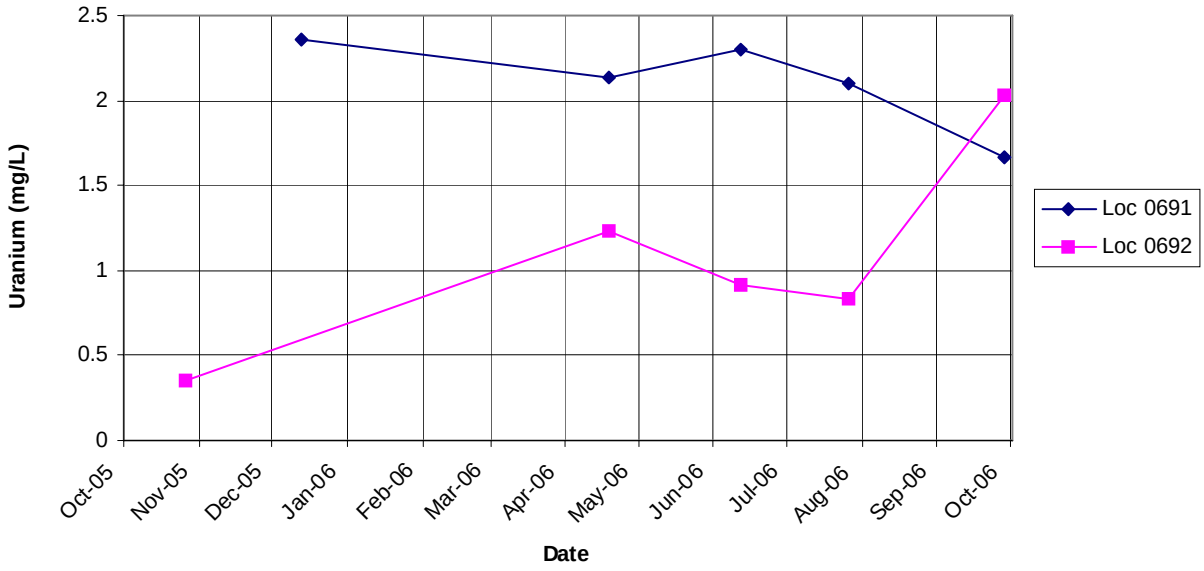
Moab Site
Configuration 3 Piezometers
Sulfate Concentration



Moab Site
Configuration 3 Piezometers
Total Dissolved Solids Concentration



Moab Site
Configuration 3 Piezometers
Uranium Concentration



Attachment 2

Trip Reports

Stoller

established 1959

DATE: November 5, 2006

TO: John Ford

FROM: E. M. Glowiak

SUBJECT: Trip Report

Site: Moab – Interim Action Well Field Monthly Sampling – September 2006

Date of Sampling Event: September 5–29, 2006

Team Members: Elizabeth Glowiak, Ken Pill, and Robert Hill

RIN Number Assigned: All samples were assigned to RIN 06080472

Sample Shipment: All samples were shipped in a cooler overnight FedEx to Paragon Analytics, Inc. from Moab, Utah, on September 7, 14, 20, and 29, 2006 (Airbill Nos. 8527 5847 7495, 8527 5847 7500, 8527 5847 7565, 8527 5847 7554).

September 2006 Configuration 1 Sampling

Number of Locations Sampled: Eleven Configuration 1 extraction wells (0470 through 0479, PW-02), ten observation wells (0480, 0481, 0482, 0484, 0485, 0558, 0557, 0560, 0561, 0596), five piezometers (0562, 0564, 0608, 0611, 0612), two surface water locations (0216 and 0245), and two treatment system locations (0547 and 0548) were sampled. Including two duplicates and one equipment blank, a total of 33 samples were collected.

Locations Not Sampled/Reason: All of the Configuration 1 locations were sampled in the September 2006 Monthly Sampling Event.

Field Variance: A limited volume was available from piezometer 0564. This sample was split and preserved as directed by the laboratory for proper analysis.

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples.

False ID	True ID	Sample Type	Associated Matrix	Ticket Number
2234	0216	Duplicate of from surface water	Surface Water	NFB 698
2235	0245	Duplicate from surface water	Surface Water	NFB 696
2240	NA	Equipment Blank	DI Water	NFB 741

Location-Specific Information – Configuration 1 Extraction Wells: Extraction wells were sampled using dedicated submersible pumps. The water level for PW-02 was unattainable because equipment was blocking the well opening.

Well No.	Date	Time	Water Level (ft btoc*)	Pump Intake (ft bgs)
0470	09/12/2006	08:36	13.20	18
0471	09/12/2006	08:42	13.72	18
0472	09/12/2006	08:50	13.14	18
0473	09/12/2006	08:57	13.75	18
0474	09/12/2006	09:09	13.25	18
0475	09/12/2006	09:16	14.49	18
0476	09/12/2006	09:24	15.45	18
0477	09/12/2006	09:32	13.81	18
0478	09/12/2006	09:43	14.05	23
0479	09/12/2006	09:50	14.06	23
SMI-PW-02	09/20/2006	08:09	N/A	55

*Below top of casing

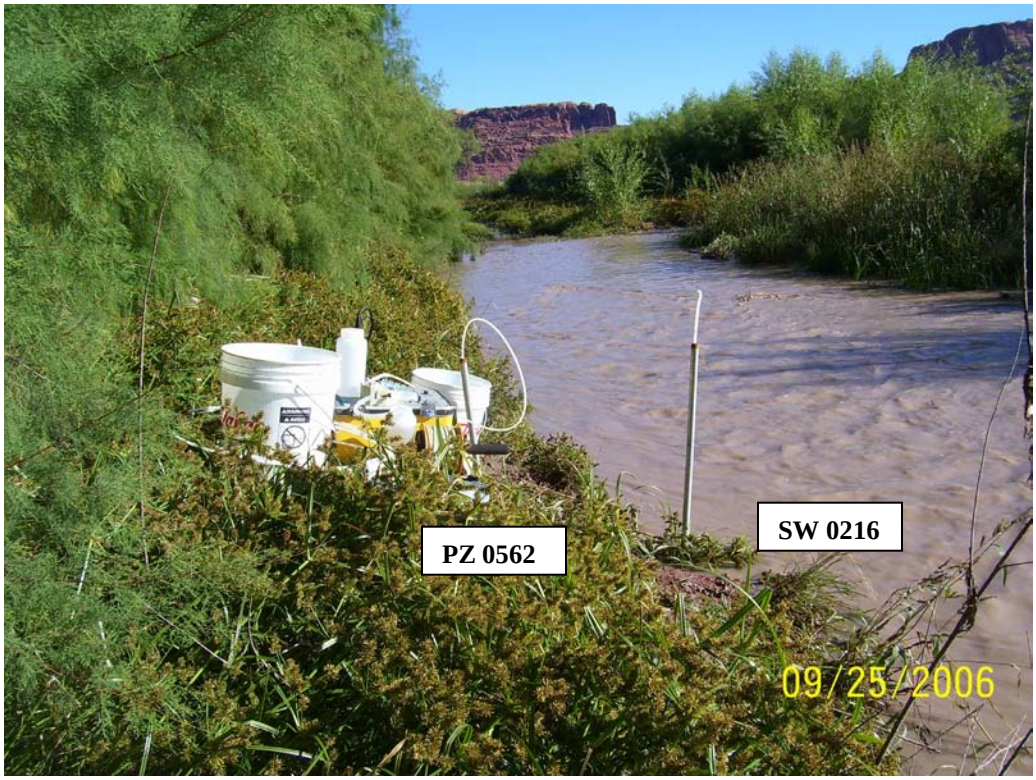
Location-Specific Information – Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0480	09/05/2006	14:25	16.88	18
0481	09/05/2006	15:00	16.67	28
0482	09/05/2006	15:33	17.30	58
0484	09/05/2006	11:48	17.22	31
0485	09/05/2006	11:15	16.95	58
0557	09/05/2006	16:00	16.35	40
0558	09/05/2006	10:48	16.94	36
0560	09/05/2006	10:12	16.65	31
0561	09/05/2006	09:18	17.07	50
0596	09/05/2006	09:49	16.65	24

Location-Specific Information – Piezometer Sampling: The following Configuration 1 piezometers were sampled.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0562	09/11/2006	08:15	2.00	2.54	Dry at base
0564	09/11/2006	09:30	3.90	2.81	Dry at base
0608	09/11/2006	08:35	3.00	2.08	Dry at base
0611	09/11/2006	09:11	2.79	1.78	Dry at base
0612	09/11/2006	09:00	2.32	1.45	Dry at base

Location-Specific Information – Treatment System Sampling: Locations 0547 and 0548 were sampled when the evaporation pond level was 3 ft. The sample for location 0548 was collected off the pond discharge line. Location 0547 was collected from the pond inlet. Both of these locations were sampled September 20, 2006.



Configuration 1 Piezometer 0562 and Surface Water Location 0216

Configuration 1 Intermediate Piezometers

Configuration 1 River Edge Piezometer 0564 and Surface Water Location 0245

September 2006 Configuration 2 Sampling

Number of Locations Sampled: Seven of the Configuration 2 extraction wells, (0570, 0571, 0572, 0573, 0575, 0576, and 0577), 13 Configuration 2 observation wells (0402, 0408, 0580-0589, 0600, 0601), three piezometers (0605, 0615, 0616), and three surface water locations (0236, 0239, and 0240) were sampled. Including two duplicates and one equipment blank, a total of 29 samples were collected.

Locations Not Sampled/Reason: Extraction well 0579 was not running and therefore was not sampled. Piezometers 0590 and 0613 did not recharge after the initial purge and were not sampled.

Field Variance: A limited volume was available from piezometer 0615. This sample was split and preserved as directed by the laboratory for proper analysis.

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples.

False ID	True ID	Sample Type	Associated Matrix	Ticket Number
2239	0236	Duplicate of surface water	Surface Water	NFB 694
2237	0571	Duplicate from 37 ft bgs	Ground Water	NFB 973
2229	NA	Equipment Blank	DI Water	NFB 742
2233	0589	Duplicate from 52 ft bgs	Ground Water	NFB 730

Location-Specific Information – Configuration 2 Extraction Wells: Extraction wells were sampled using dedicated submersible pumps.

Well No.	Date	Time	Water Level (ft btoc)	Pump Intake (ft bgs)
0570	09/12/2006	14:36	24.93	27
0571	09/12/2006	14:27	11.39	37
0572	09/12/2006	14:12	26.75	27
0573	09/12/2006	14:01	8.90	37
0575	09/12/2006	13:52	9.65	37
0576	09/12/2006	11:45	12.26	27
0577	09/12/2006	11:35	16.95	37

Location-Specific Information – Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed in the following table.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0402	09/18/2006	11:20	16.12	17
0408	09/07/2006	08:57	16.39	26
0580	09/18/2006	16:02	17.13	18
0581	09/18/2006	14:34	16.56	18
0582	09/18/2006	15:15	17.07	18
0584	09/18/2006	10:40	16.35	18
0585	09/07/2006	10:09	16.62	18
0586	09/07/2006	08:20	16.25	18
0587	09/18/2006	09:50	16.18	18
0588	09/07/2006	11:04	16.93	34
0589	09/18/2006	16:50	15.85	52
0600	09/18/2006	13:47	16.34	27
0601	09/07/2006	09:36	16.02	27

Location-Specific Information – **Piezometer Sampling**: Piezometers 0590 and 0613 were dry and not sampled. These samples were split and preserved as directed by the laboratory for proper analysis.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0590	09/11/2006	14:14	Dry	2.59	Dry at base
0605	09/11/2006	13:15	3.86	1.52	Dry at base
0613	09/11/2006	14:00	Dry	2.52	Dry at base
0615	09/11/2006	13:30	3.75	1.47	Dry at base
0616	09/11/2006	13:58	2.88	1.60	Dry at base

Configuration 2 Riverbank Piezometer 0590 and Surface Water Location 0240

Configuration 2 Intermediate Piezometers

Surface Water Location 0236

Configuration 2 River Edge Piezometers and Surface Water Location 0239

September 2006 Configuration 3 Sampling

Number of Locations Sampled: Ten extraction wells (0670 through 0679), five observation wells (0404, 0682, 0683, 0688-39 ft, 0689-54 ft), three piezometers (0693, 0696, 0697), and two surface water locations (0258, 0259) were sampled. Including one equipment blank and two duplicates, a total of 23 samples were collected.

Locations in Which Field Parameters Were Measured Only: Parameters were measured at locations 0688 at 39 ft and 0689 at 46 ft.

Well No.	Date	Time	Depth (ft bgs)	Depth to Water (ft btoc)	Field Parameters					
					Temp (^{o}C)	Spec Cond. (µS/cm)	DO[a] (mg/L)	pH	ORP[b]	Turb. (NTUs)
0688	09/06/2006	10:10	39	16.49	18.29	47,920	1.98	6.71	104	1.34
0689	09/06/2006	08:28	46	16.30	16.25	102,200	1.35	6.53	183	2.03

[a]Dissolved Oxygen
[b]Oxidation Reduction Potential

Locations Not Sampled/Reason: Surface water location 0257 was dry. Piezometer locations 0690 and 0698 never recharged after the initial purge.

Field Variance: A limited volume was available from the piezometers. These samples were split and preserved as directed by the laboratory for proper analysis.

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples.

False ID	True ID	Sample Type	Associated Matrix	Ticket Number
2241	0404	Duplicate from 18 ft bgs	Ground Water	NFB 639
2242	0674	Duplicate of 40 ft bgs water	Surface Water	NFB 683
2238	NA	Equipment Blank	DI Water	NFB 974

Location-Specific Information – Configuration 3 Extraction Wells: All extraction wells were sampled using dedicated pumps.

Well No.	Date	Time	Depth to Water (ft btoc)	Pump Intake (ft bgs)
0670	09/13/2006	08:33	17.22	40
0671	09/13/2006	08:40	17.62	40
0672	09/13/2006	08:45	18.02	40
0673	09/13/2006	09:00	18.09	40
0674	09/13/2006	09:05	17.81	40
0675	09/13/2006	09:15	17.52	40
0676	09/13/2006	09:22	17.11	40
0677	09/13/2006	09:28	16.97	40
0678	09/13/2006	09:37	16.81	40
0679	09/13/2006	09:42	16.74	40

Location-Specific Information – Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

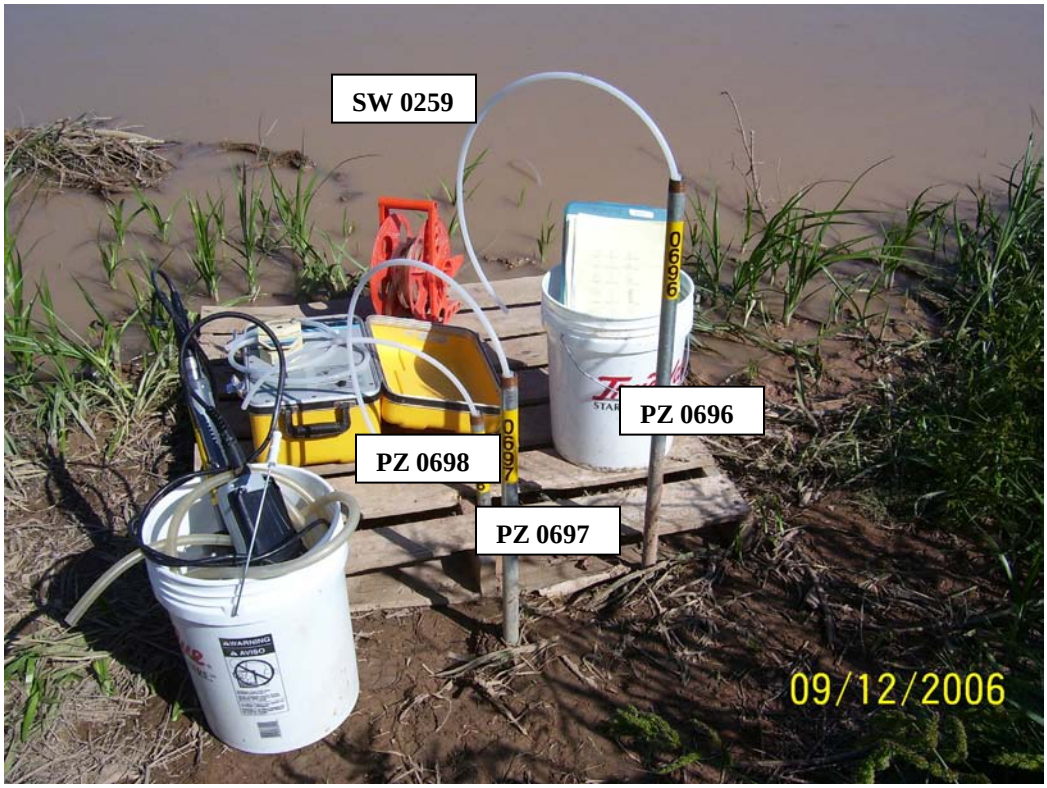
Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0404	09/06/2006	11:03	15.56	18
0682	09/06/2006	14:52	17.30	28
0683	09/06/2006	14:10	17.61	27
0688-31	09/06/2006	10:30	16.35	31
0689-54	09/06/2006	09:41	16.31	54

Location-Specific Information – Piezometer Sampling: Piezometer 0690 did not recharge after the initial purge and was not sampled.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0690	09/11/2006	9:00	Dry	2.31	Dry at base
0693	09/11/2006	14:55	3.61	1.70	Dry at base
0696	09/11/2006	15:20	3.00	2.59	Dry at base
0697	09/11/2006	15:28	2.27	1.63	Dry at base
0698	09/11/2006	15:37	5.84	1.02	Dry at base

Configuration 3 Riverbank Piezometers

Configuration 3 Intermediate Piezometer 0693 and Surface Water Location 0258



Configuration 3 River Edge Piezometers and Surface Water Location 0259

September 2006 Configuration 4 Sampling

Number of Locations Sampled: Five extraction wells (0770, 0772, 0774, 0776, 0778), six observation wells (0780, 0781, 0782, 0783, 0786, 0787), and four piezometers (0790, 0791, 0792, 0793) were sampled. Including one equipment blank and two duplicates, a total of 18 samples were collected.

Locations Not Sampled/Reason: Piezometer locations 0795 and 0794 were dry; therefore, no samples were collected.

Field Variance: A limited volume was available from the piezometers. These samples were split and preserved as directed by the laboratory for proper analysis.

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples.

False ID	True ID	Sample Type	Associated Matrix	Ticket Number
2243	0782	Duplicate from 18 ft bgs	Ground Water	NFB 733
2230	NA	Equipment Blank	DI Water	NFB 743

Location-Specific Information – Configuration 4 Extraction Wells: All extraction wells were sampled using dedicated pumps.

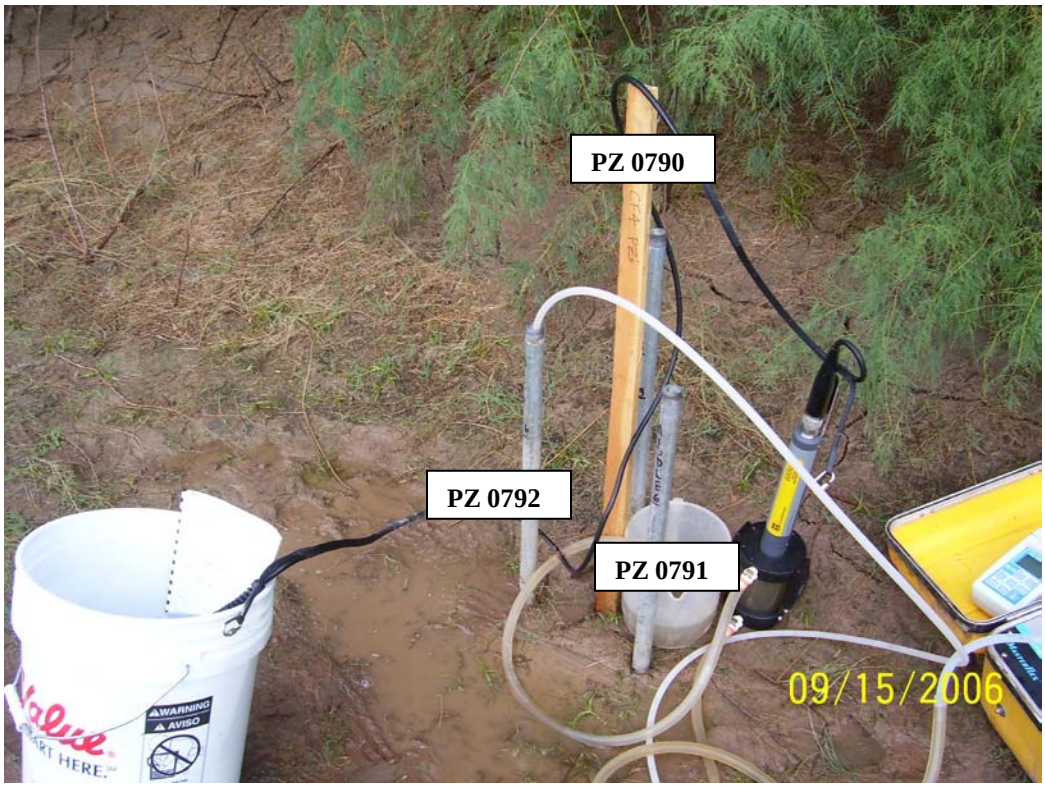
Well No.	Date	Time	Depth to Water (ft btoc)	Pump Intake (ft bgs)
0770	09/14/2006	11:35	17.03	30
0772	09/14/2006	11:40	17.39	30
0774	09/14/2006	11:50	16.89	30
0776	09/14/2006	11:55	17.45	30
0778	09/14/2006	12:00	17.74	30

Location-Specific Information – Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0780	09/29/2006	09:36	16.54	28
0781	09/29/2006	09:01	16.65	46
0782	09/20/2006	11:39	16.27	33
0786	09/29/2006	10:36	16.23	28
0787	09/29/2006	10:08	16.50	36

Location-Specific Information – Piezometer Sampling: Piezometer 0690 did not recharge after the initial purge and was not sampled.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0790	09/15/2006	08:37	3.02	1.96	Dry at base
0791	09/15/2006	08:25	2.63	1.65	Dry at base
0792	09/15/2006	07:50	2.66	1.74	Dry at base
0793	09/15/2006	09:18	2.65	1.84	Dry at base
0794	09/15/2006	09:13	3.64	1.59	Dry at base
0795	09/15/2006	09:10	10.75	1.64	Dry at base



Configuration 4 Riverbank Piezometers

Configuration 4 Intermediate Piezometers

End of current text

September 2006 Baseline Sampling

Number of Locations Sampled: Six observation wells (0405, 0488, SMI-PZIS, SMI-PZIM, SMI-PZID2, SMI-PW01), one surface water location (0243), and four piezometer locations (0598, 0599, 0617, 0618) were sampled. Including one duplicate and one equipment blank, a total of 14 samples were collected.

Locations Not Sampled/Reason: After the initial purge, piezometers 0496 and 0497 did not recharge and therefore were not sampled. Piezometer 0494 was dry and was not sampled.

Field Variance: Limited sample volume was available for analysis from the piezometer locations. These samples were split and preserved as directed by the laboratory for proper analysis. Piezometer 0617 was only sampled for TDS and NH_3-N.

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples.

False ID	True ID	Sample Type	Associated Matrix	Ticket Number
2228	SMI-PW01	Duplicate from 40 ft bgs	Ground Water	NFB 989
2227	NA	Equipment Blank – GW Equip	DI Water	NFB 993

Location-Specific Information – Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc*)	Sample Depth (ft bgs)
0488	09/18/2006	08:21	14.64	39
0493	09/18/2006	08:57	14.26	54
SMI-PW01	09/15/2006	13:10	14.46	40
SMI-PZ1S	09/15/2006	12:08	15.24	18
SMI-PZ1M	09/15/2006	12:25	14.32	57
SMI-PZ1D2	09/15/2006	12:47	15.20	73

Location-Specific Information – Piezometer Sampling: The table below presents the water level, stick up height, and depth to the river surface prior to the initial purge.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0494	09/13/2006	14:40	Dry	1.58	Dry at base
0496	09/13/2006	15:13	3.67	1.70	Dry at base
0497	09/13/2006	15:05	6.48	2.84	Dry at base
0598	09/13/2006	14:47	3.30	1.86	Dry at base
0599	09/13/2006	15:43	2.93	2.99	Dry at base
0617	09/13/2006	15:52	2.31	2.39	0.10
0618	09/13/2006	15:30	1.62	1.83	Dry at base

Baseline Riverbank Piezometers

Baseline Intermediate Piezometers

Baseline River Edge Piezometers and Surface Water Location 0243

Well Inspection Summary: A well inspection was not conducted.

Site Issues: According to the USGS Cisco Gaging Station (Station No. 09180500), the mean daily Colorado River flows during this sampling event are provided below:

Date	Daily Mean Flow (cfs)
09/05/2006	4,050
09/06/2006	3.840
09/07/2006	3,860
09/11/2006	4,980
09/12/2006	4,860
09/13/2006	4,660
09/14/2006	4,530
09/15/2006	4,870
09/18/2006	5,320
09/19/2006	5,160
09/20/2006	5,020
09/29/2006	4,530

Equipment Issues: None.

Corrective Action Required/Taken: None.

(EMG/lcg)

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L. E. Cummins, Stoller (e)
S. E. Donivan, Stoller (e)
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Stoller

established 1959

DATE: November 2, 2006

TO: John Ford

FROM: E.M. Glowiak

SUBJECT: Trip Report

Site: Moab – Interim Action Well Field Biogeochemical Sampling Event – September 2006

Date of Sampling Event: September 25–28, 2006

Team Members: Elizabeth Glowiak, Robert Hill.

Sampling Event Background: This biogeochemical sampling was designed to relatively measure microorganism populations in an area where the shallow aquifer intersects the riverbed of the Moab Site, and evaluate the attenuation of contaminant concentrations in ground water and the river because of biologically mediated reactions. Specific locations from Configuration 1, Configuration 2, Configuration 3, and Baseline were sampled.

Number of Locations Sampled: Five observation wells (0403, 0407, 0480, 0483, 0559) and four piezometers (0563, 0565, 0606, 0607) were sampled from Configuration 1. Three observation wells (0588, 0589, 0602) and three piezometers (0591, 0603, 0604) were sampled from Configuration 2. Two observation wells (0686, 0687) and four piezometers (0691, 0692, 0694, 0695) were sampled from Configuration 3. Two observation wells (0405, 0488) and two piezometers (0495, 0597) were sampled from Baseline. One equipment blank and one duplicate were collected during the September biogeochemical sampling event.

Locations Not Sampled/Reason: Configuration 2 piezometer 0614 did not recharge after the initial purge and therefore was not sampled.

Field Variance: Limited volume samples were collected from piezometer 0607. This sample was split and preserved as directed by the laboratory for proper analysis. Piezometer 0604 produced only enough volume to sample for Mn (II) and Fe (II).

Sample Analysis: Submitted samples were analyzed by Severn Trent Laboratories, Microseeps, Inc. and the Grand Junction Office Environmental Sciences Laboratory (ESL) for the analytes in the following table. The analytes are listed from high to low priority for locations in which sufficient sample volume was not available (i.e., riverbed piezometers) for complete analyses.

Analyte	Laboratory	Priority
Nitrate / Nitrite as N	Severn Trent	High
Ferrous Iron / Divalent Manganese	Microseeps	
Carbon Dioxide / Methane / Nitrogen / Oxygen	Microseeps	
Bromide / Chloride / Sulfate	Severn Trent	
Nitrifying Bacteria	ESL	
Biological Oxygen Demand	ESL	
Total Dissolved Solids	Severn Trent	
Total Iron	ESL	
Nitrite (as N)	ESL	
Sulfide	ESL	
Orthophosphate	ESL	
Ammonia (as N)	Severn Trent	
Dissolved Organic Carbon / Total Inorganic Carbon	Severn Trent	
Iron / Manganese / Selenium / Uranium	Severn Trent	
Total Organic Carbon	Severn Trent	
Chemical Oxygen Demand / Total Phosphorus / Total Kjeldahl Nitrogen	Severn Trent	Low

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples.

False ID	True ID	Sample Type	Associated Matrix	Ticket Number
2322	0686	Duplicate from 18 ft bgs	Ground Water	NFB 881
2323	NA	Equipment Blank – GW Equip	DI Water	NFB 887

RIN Numbers Assigned: The samples that were shipped to Severn Trent were assigned to RIN 06080473, and the samples that were shipped to Microseeps were assigned to RIN 06080474.

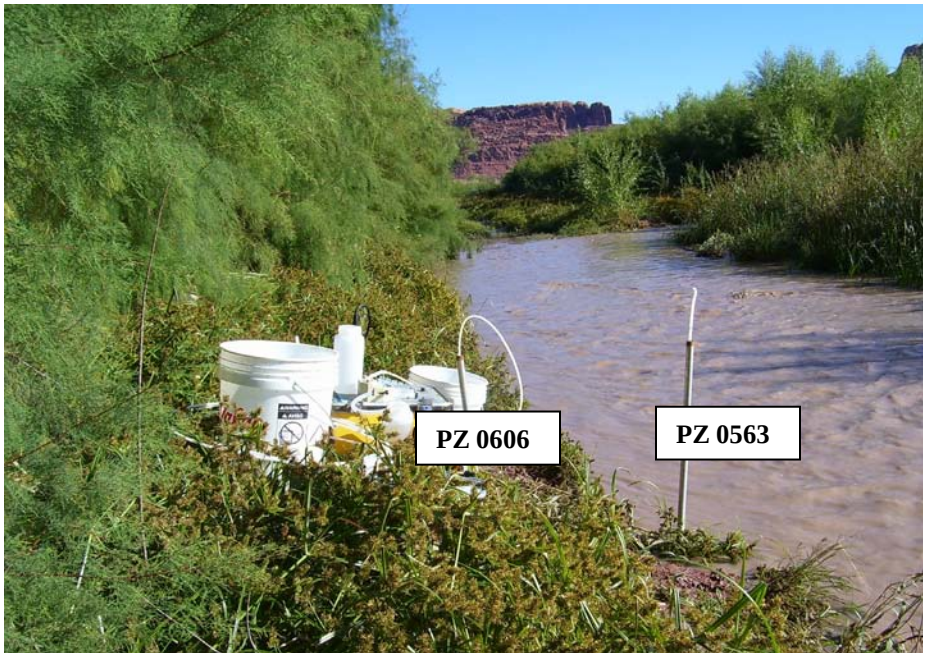
Sample Shipment: The coolers were sent overnight via FedEx to Microseeps, Inc. and Severn Trent Laboratories from Moab, Utah, on September 27 and 29, 2006, (Airbill Nos. 8553 8751 8861, 8553 8751 8883 [Microseeps] 8553 8751 8872, 8553 8751 8894 [Severn Trent]).

Location-Specific Information – Configuration 1 Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and downhole tubing. Sample depths and water levels for each observation well are listed in the following table.

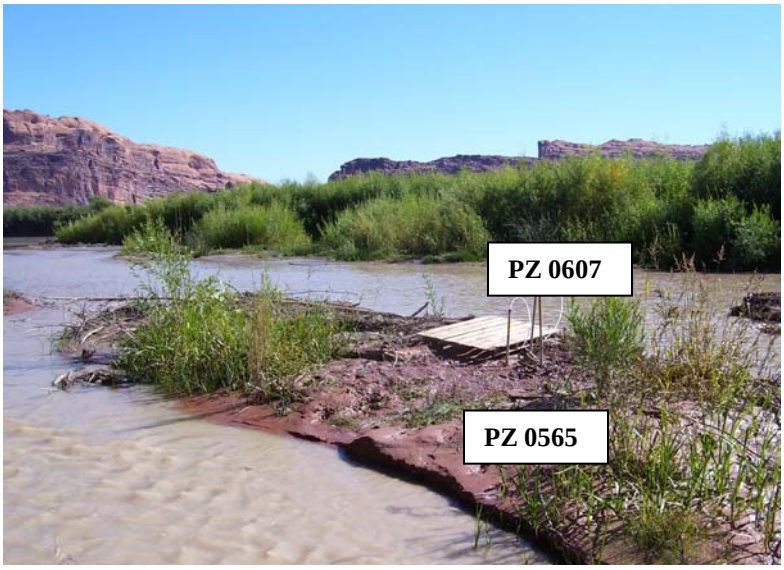
Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0403	09/26/2006	09:10	16.50	18
0407	09/26/2006	08:03	16.83	17
0480	09/25/2006	15:03	16.64	18
0483	09/25/2006	15:54	16.83	18
0559	09/25/2006	16:40	17.38	19

Location-Specific Information – Configuration 1 Piezometer Sampling: The table below presents the water level, stick up height, and depth to the river surface for the piezometers prior to the initial purge.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0563	09/25/2006	08:50	2.88	1.13	Dry at base
0565	09/25/2006	12:07	2.73	1.80	0.2
0606	09/25/2006	09:10	2.89	1.70	Dry at base
0607	09/25/2006	11:22	5.28	2.40	0.2



Configuration 1 Riverbank Piezometers



Configuration 1 River Edge Piezometers

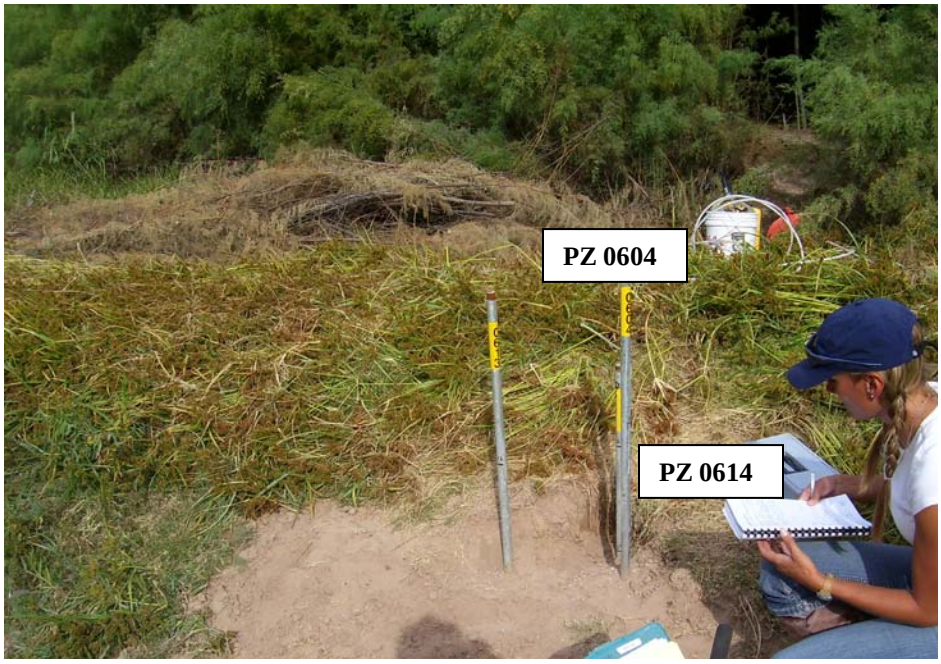
Location-Specific Information – Configuration 2 Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0588	09/27/2006	08:09	16.20	26
0589	09/27/2006	08:56	15.83	44
0602	09/27/2006	07:54	16.69	16

Location-Specific Information – Configuration 2 Piezometer Sampling: The table below presents the water level, stick up height, and depth to the river surface for the piezometers prior to the initial purge.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0591	09/26/2006	11:54	2.24	2.20	0.2
0603	09/26/2006	11:23	2.15	1.75	Dry at base
0604	09/26/2006	16:06	5.33	2.83	Dry at base
0614	09/26/2006	16:15	5.50	1.99	Dry at base

Configuration 2 Riverbank Piezometers



Configuration 2 Intermediate Piezometers

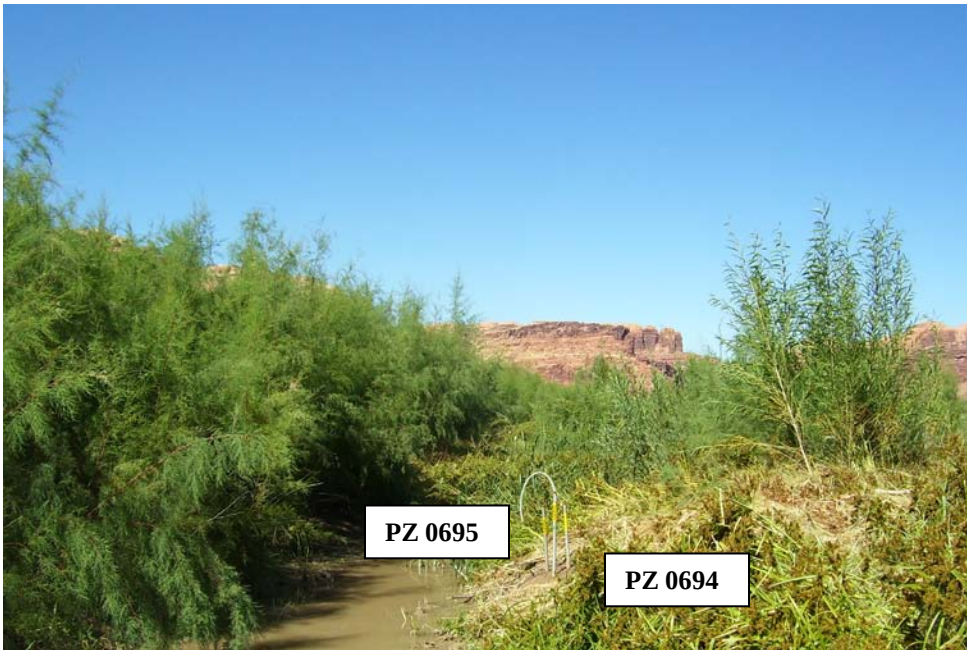
Location-Specific Information – Configuration 3 Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0686	09/28/2006	09:00	18.03	18
0687	09/28/2006	08:25	16.73	28

Location-Specific Information – Configuration 3 Piezometer Sampling: The table below presents the water level, stick up height, and depth to the river surface for the piezometers prior to the initial purge.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0691	09/27/2006	16:28	5.70	1.50	Dry at base
0692	09/27/2006	16:33	5.41	1.18	Dry at base
0694	09/27/2006	10:17	3.40	1.80	Dry at base
0695	09/27/2006	10:34	3.44	1.73	Dry at base

Configuration 3 Riverbank Piezometers



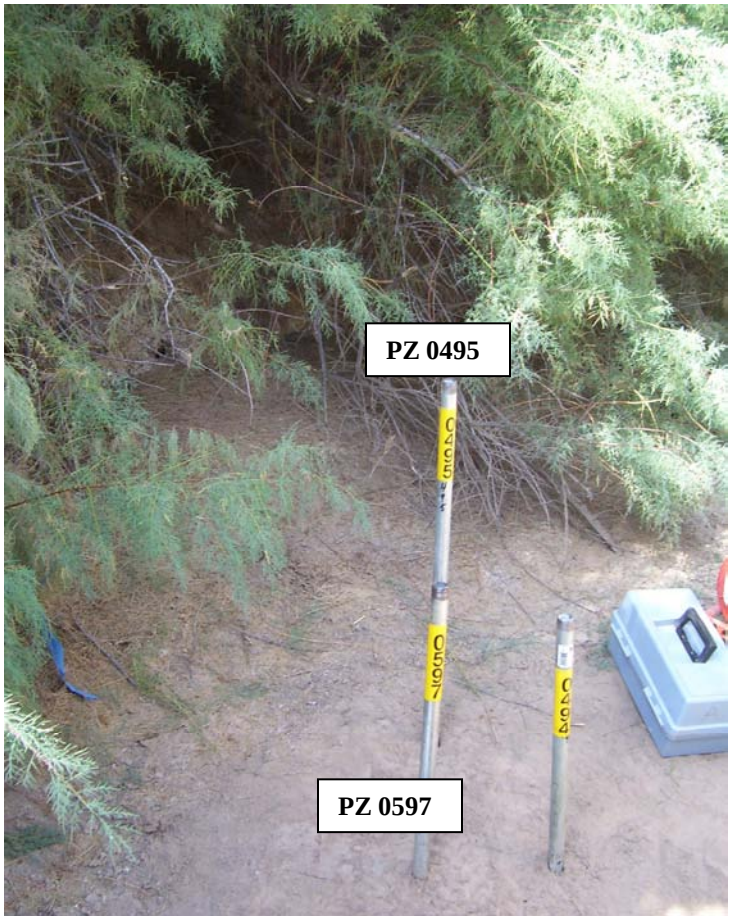
Configuration 3 Intermediate Piezometers

Location-Specific Information – Baseline Observation Wells: All observation wells were sampled using micro-purge techniques with a peristaltic pump and downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0405	09/28/2006	13:44	14.65	18
0488	09/28/2006	11:10	14.62	26

Location-Specific Information – Baseline Piezometer Sampling: The table below presents the water level, stick up height, and depth to the river surface for the piezometers prior to the initial purge.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0495	09/28/2006	14:55	6.08	2.34	Dry at base
0597	09/28/2006	14:45	5.30	1.74	Dry at base



Baseline Riverbank Piezometers

Well Inspection Summary: A well inspection was not conducted.

Equipment Issues: None.

Site Issues: According to the USGS Cisco Gaging Station (Station No. 09180500), the mean daily Colorado River flows during this sampling event are provided below:

Date	Daily Mean Flow (cfs)
09/25/2006	4,060
09/26/2006	3,880
09/27/2006	3,740
09/28/2006	5,590

Corrective Action Required/Taken: None.

(EMG/lcg)

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